

# MONTHLY CATALOG

UNITED STATES

GOVERNMENT PUBLICATIONS

AUGUST 1971

LIBRARY  
UNIVERSITY MICROFILMS

Entries 11857-13376

## DISTRIBUTION OF PUBLICATIONS

In ordering publications listed in this catalog, it should be noted that *only* those marked with an asterisk (\*) are obtainable from the Superintendent of Documents.

Publications marked with a farad (⊕) are sold by the National Technical Information Service, Springfield, VA 22151.

Where a single dagger (†) is the distribution symbol, application should be made directly to the department or bureau issuing the document.

- \* For sale by SUPERINTENDENT OF DOCUMENTS
- ⊕ For sale by National Technical Information Service, Springfield, VA 22151
- † Distribution made by Issuing Office. Not definitely available if unaccompanied by a price
- ‡ Printed for Official Use  
(not available for distribution)
- Sent to Depository Libraries

## SIZES OF PUBLICATIONS

Symbols used to designate sizes of publications listed in this catalog are as follows:

4°-----	6-12 inches high and width more than $\frac{3}{4}$ of height
large 4°-----	over 12 inches high and width more than $\frac{3}{4}$ of height
small 4°-----	under 6 inches high and width more than $\frac{3}{4}$ of height
8°-----	8-10 inches in height (size not given in entry except where publication is narrow or oblong)
large 8°-----	10-12 inches in height
12°-----	7-8 inches in height
16°-----	6-7 inches in height
24°-----	5-6 inches in height
32°-----	4-5 inches in height
48°-----	up to 4 inches high
f°-----	above 12 inches in height
narrow-----	width less than $\frac{3}{8}$ of height
oblong-----	width more than height



# MONTHLY

# CATALOG

OF UNITED STATES

GOVERNMENT PUBLICATIONS



AUGUST 1971

Number 919

Entries 11857-13376

Issued by the **SUPERINTENDENT OF DOCUMENTS**

U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402 : 1971

L.C. Card 4-18088

FOR SALE BY THE SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT  
PRINTING OFFICE, WASHINGTON, D.C. 20402. PRICE 75 CENTS PER COPY  
EXCEPT DECEMBER (INDEX) ISSUE, WHICH VARIES IN PRICE  
SUBSCRIPTION PRICE \$7.00 PER YEAR (INCLUDING INDEX)  
\$1.75 ADDITIONAL FOR FOREIGN MAILING

## PREVIEWS

Department.) \$1.00. ● C12:M 68/6



# General Information

## Contents

	Page
Previews -----	III
Abbreviations, Explanation -----	VI
General Information -----	VII
How To Order Publications -----	VIII
New Classification Numbers -----	IX
Corrections for Previous Monthly Catalogs -----	XI
List of Government Authors -----	XIII
Monthly Catalog -----	1
Index -----	101

▼

What new research material is available in this area? This is the question that the publisher of the *Monthly Catalog* is asked to answer. The publisher is not a government department, but a private enterprise. He is not a government official, but a private citizen. He is not a government employee, but a private worker. He is not a government agent, but a private person. He is not a government representative, but a private individual. He is not a government official, but a private citizen. He is not a government employee, but a private worker. He is not a government agent, but a private person. He is not a government representative, but a private individual.

## Abbreviations

add.....	addition, addendum, addenda.	n. d.....	no date.
amdt., amdts.....	amendment, amendments.	n. p.....	no place.
app.....	appendix, appendixes.	no., nos.....	number, numbers.
bk., bks.....	book, books.	p.....	page, pages.
chap.....	chapter, chapters.	p. of pl.....	pages of plates.
Cong.....	Congress.	par., pars.....	paragraph, paragraphs.
Dept.....	Department.	pl.....	plate, plates.
doc.....	document.	por.....	portrait, portraits.
facsim.....	facsimile, facsimiles.	pt., pts.....	part, parts.
fy.....	fiscal year.	rp.....	report.
G.H.A.....	Greenwich hour angle.	S.....	Senate, Senate bill.
H.....	House.	S. Con. Res.....	Senate concurrent resolution.
H. Con. Res.....	House concurrent resolution.	S. doc.....	Senate document.
H. doc.....	House document.	S. ex. doc.....	Senate executive document.
H. ex. doc.....	House executive document.	S. ex. rp.....	Senate executive report.
H. J. Res.....	House joint resolution.	S. J. Res.....	Senate joint resolution.
H.R.....	House of Representatives, House bill.	S. Res.....	Senate resolution.
H. Res.....	House resolution.	S. rp.....	Senate report.
H. rp.....	House report.	sec.....	section, sections.
il.....	illustration, illustrations.	sess.....	session, sessions.
in.....	inch, inches.	Stat. L.....	Statutes at large.
lat.....	latitude.	supp.....	supplement.
long.....	longitude.	tab.....	table, tables.
m.....	mile.	Treas.....	Treasury.
		v.....	volume, volumes.
		vs., v.....	versus.

Common abbreviations for the names of States, months, etc., are also used.  
An explanation of the symbols used to designate sizes of publications is given on the inside of the front cover.

## Explanation

The individual issuing department, bureau, office, or agency is considered the publisher of Government publications.

Words and figures enclosed in brackets [ ] in titles are given for information, but do not appear on the title pages of the publications cataloged. Place and printer are not given for publications printed at the United States Government Printing Office, Washington, D.C., or at Government departmental and field printing plants. The dates given with Senate and House documents and reports are the dates on which they were ordered to be printed. Usually the printing promptly follows the ordering, but various causes sometimes make delays.

Under provisions of the Printing Act of January 12, 1895, all Government publications, except administrative and confidential (or restricted), are entered in the Monthly Catalog.

The L.C. card number appended to some of the entries is for those libraries ordering printed cards from the Library of Congress. The number at the extreme right of an entry indicates the classification of the publication in the Office of the Superintendent of Documents.

## HOW TO ORDER PUBLICATIONS

# General Information

The Superintendent of Documents, Government Printing Office, Washington, D.C., is authorized by law to sell copies of Government publications and to allow a discount of 25 percent to book dealers and also to quantity purchasers of 100 or more copies of a single publication going to one address, on condition that they will adhere to the public sales price set by the Superintendent of Documents and that publications shall not be overprinted with any advertising matter.

Publications cannot be supplied free to individuals nor forwarded in advance of payment.

### PRICE LIST

There is no general price list of public documents, but numerous lists have been prepared on special subjects and any of these will be furnished free, on application, by subject or subjects concerning which information is desired. It will also be noted that current publications which are for sale are listed in this catalog.

### LIST OF SELECTED PUBLICATIONS

In addition to the price lists, the Documents Office issues a biweekly list of Selected United States Government publications for sale by the Superintendent of Documents. Each list contains annotations and prices, and may be obtained free upon application to the Superintendent of Documents.

### CONGRESSIONAL BILLS, DOCUMENTS, AND REPORTS

More than 12,000 different bills are usually introduced during a Congress, and there are additional prints on many during the progress of the legislation. With the exception of a very few—such as revenue bills—the demand is an unknown quantity and on most of them we receive no orders, which makes it impossible to print a sales supply. It may be that a copy could be obtained from your Congressman.

A difficult problem is also presented in providing a supply of Congressional documents, hearings, and reports because there are approximately 6,000 of this class of publications issued during a Congress. Sales copies of a few of the more important ones are printed. The availability of those not for sale is indicated in the individual entries.

### VII

The classification given at the right of entries for departmental publications that are in the Library of the Public Documents Department. The entries are arranged alphabetically by subject or by author. It is not possible to print these numbers in the order of the entries in the Monthly Catalog.



## HOW TO ORDER PUBLICATIONS

Publications entered in this catalog that are for sale by the Superintendent of Documents are indicated by an asterisk (\*) preceding the price. Those for sale by the National Technical Information Service are indicated by a farad (⚡) preceding the price. A black dot (●) indicates that the publication has been, or will be, sent to depository libraries. A dagger (†) indicates that application should be made to the department, bureau, or agency issuing the document. A double dagger (‡) indicates that the document is printed for official use and is not obtainable. When additional information concerning the method of procuring a document seems necessary, it will be found under the name of the bureau by which it was published.

In ordering a publication from the Superintendent of Documents, give the name of the publishing department, bureau, or agency, the title, the classification number which is added to the entry at the extreme right, and the stock number (if given following the price). Order Congressional documents and reports by the title, together with the document or report number and the Congress, e.g., H. Doc. 103, 88th Congress.

Do *not* use the L.C. card number in ordering a publication from the Superintendent of Documents.

### HOW TO REMIT

Remittances for documents marked with an asterisk (\*) should be made to the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402, by coupon, postal money order, express order, or check. Publications cannot be mailed in advance of receipt of remittance. Foreign remittances should be made by international money order, or draft on an American bank.

*Foreign money, defaced or smooth coins, will not be accepted. Do not send postage stamps.*

For the convenience of the general public, coupons in denomination of 5¢ that are good until used in exchange for Government publications sold by the Superintendent of Documents, may be purchased from this office. Address the order to Superintendent of Documents, Government Printing Office, Washington, DC 20402.

Persons who make frequent purchases from the Superintendent of Documents may find a deposit account convenient. Deposits of \$25.00 or more are accepted against which orders may be placed without making individual remittances or first obtaining quotations. Order blanks are furnished for this purpose. After the handling of the order has been completed, it will be returned showing the publications supplied, explanations regarding those not sent, the amount of charge, and the balance on deposit.

No charge is made for postage on documents forwarded to points in United States and its possessions, or to Canada, Cuba, Mexico, and certain Central and South American countries. To other countries the regular rate of postage is charged, and remittances must cover such postage. In computing foreign postage, add one-fourth of the price of the publication.

### LIBRARY CLASSIFICATION IN DOCUMENTS OFFICE

The classification given at the right of entries for departmental publications is that used in the Library of the Public Documents Department. The *shilling* mark (/) separates what ordinarily would be superior or inferior numbers or letters. It is not practicable to print these numbers or letters as *superiors* or *inferiors* in the Monthly Catalog.



# New Classification Numbers

- Forest Service.**  
**A 13.49/5: date.** Equipment development and test program, progress, plans, fiscal year.  
**National Oceanic and Atmospheric Administration.**  
**C 55.8: OT.** Regulations, rules and instructions.  
**C 55.16: date.** Federal plan for marine environmental prediction, fiscal year.  
**Environmental Data Service.**  
**C 55.220: nos.** World Data Center A: Upper Atmosphere geophysics, report UAG-(series).  
**NOTE.**—See, for earlier class, C 52.16/2:(nos.).  
**C 55.221: nos.** Climatography of United States: Climate of the States.  
**NOTE.**—See, for earlier class, C 30.71/3:(nos.).  
**National Oceanographic Data Center.**  
**C 55.291: date.** Highlights.  
**NOTE.**—See, for earlier publications, D203.24/3: N 21/(date).  
**National Ocean Survey.**  
**C 55.421/2: date.** Tide tables, high and low water predictions, East coast of North and South America including Greenland.  
**NOTE.**—See, for earlier class, C 4.15/4:(date).  
**C 55.423: date.** Ship operations report (annual).  
**Civil Service Commission.**  
**CS 1.77: -79: Reserved**  
**CS 1.80: nos.** Federal labor-management consultant (bi-weekly).  
**Air Force Department.**  
**D 301.45/14-2: nos.** AFSCR [Air Force Systems Command Regulations] (series).  
**Environmental Protection Agency.**  
**EP 1.8: -9: Reserved**  
**Water Quality Office.**  
**EP 2.1: date.** Annual report.  
**EP 2.2: OT.** General publications.  
**EP 2.3: -7: Reserved**  
**EP 2.9: Reserved**  
**EP 2.11: letters-nos.** Oil and hazardous material program series.  
**EP 2.12: Reserved**  
**EP 2.16: nos.** Analytical reference service reports (numbered).  
**NOTE.**—See, for earlier class, HE 20.1113:(nos.).  
**Solid Waste Management Office.**  
**EP 3.1: date.** Annual report.  
**EP 3.2: OT.** General publications.  
**EP 3.3: -4: Reserved**  
**EP 3.5: OT.** Laws.  
**EP 3.6: -9: Reserved**  
**Radiation Office.**  
**EP 6.1: date.** Annual report.  
**NOTE.**—See, for earlier class, HE 20.1501:(date).

- EP 6.2: CT----- General publications.  
 Note.—See, for earlier publications, HE 20.1502: (CT).
- EP 6.3: -9: Reserved
- HE 17.24: nos----- Social and Rehabilitation Service.  
 Working papers (numbered).  
 Rehabilitation Service Administration.
- HE 17.119: Reserved
- HE 17.120: date----- Rehabilitation Services Administration, quarterly indices.  
 National Center for Social Statistics.
- HE 17.617/2: date----- Recipients and amounts of medical vendor payments under public assistance programs, NCSS report B-3.  
 Note.—See, for earlier publication, FS 17.2: M 46/3.  
 Youth Development and Delinquency Prevention Administration.
- HE 17.808: CT----- Handbooks, manuals, guides.  
 Center for Disease Control.
- HE 20.2309/11: Reserved
- HE 20.2309/12: date----- Center for Disease Control trichinosis surveillance, annual summary.
- HE 20.2309/13: date----- Center for Disease Control malaria surveillance, annual report.  
 Indian Health Service.
- HE 20.2658/2: nos----- OEH guidelines (series).  
 Maternal and Child Health Service.
- HE 20.2755: CT----- Laws.  
 National Institute of Child Health and Human Development.
- HE 20.3362/3: CT----- CPR population research.  
 National Institute of Dental Research.
- HE 20.3409: date----- Dental caries research, catalog of dental caries research projects sponsored during fiscal year by Federal and non-Federal organizations.
- Food and Drug Administration.
- HE 20.4020: date----- Flammable fabrics, annual report.
- HE 20.4021: nos----- FDA poster (series).  
 Note.—See, for earlier class, FS 13.127: (nos.).
- HE 20.4022: date----- Public advisory committees: Authority, structure, functions, members.
- HE 20.4023: nos----- Selected technical publications (semi-annual).  
 Housing and Urban Development Department.
- HH 1.42: nos----- Model cities management series, bulletins.  
 Prisons Bureau.
- J 16.23/5: date----- Federal Bureau of Prisons statistical report, fiscal year.  
 Note.—See, for earlier similar class, J 16.23/4: (date).  
 National Credit Union Administration.
- NOU 1.8: CT----- Handbooks, manuals, guides.  
 Note.—See, for earlier class, FS 3.306/2: (CT).  
 Federal Highway Administration.
- TD 2.23: -24: Reserved
- TD 2.25: nos----- Highway planning technical reports.  
 Note.—See, for earlier class, TD 2.120: (nos.).
- TD 2.26: nos----- Report FH—(series).
- TD 2.27: nos----- Hydraulic engineering circulars.  
 Note.—See, for earlier class, TD 2.104: (nos.).  
 Federal Aviation Administration.
- TD 4.35: date----- Commuter air carrier operators.

## Airports Service.

TD 4.110: Reserved

TD 4.111: CT----- Airport design standards.

NOTE.—See, for earlier class, TD 4.8/4:(CT).

TD 4.112: nos----- Report AS—(series).

## Correction for Previous Monthly Catalog.

Dec. 1967. Entry 18148, Statistical report, fiscal year 1966. Correct class to read J 16.23/5:966.

July 1971. Entry 10710, 1972 National Science Foundation authorization, hearings. Correct L.C. card number to read 76-613520.

Administrative Services and Organizations	11401
Agriculture and Horticulture	11402
Business and Management Services	11403
Construction Services	11404
Transportation Services	11405
Public Services	11406
Health Services	11407
Education Services	11408
Arts and Entertainment	11409
Religion and Social Services	11410
Government Services	11411
Police Services	11412
Fire Services	11413
Emergency Services	11414
Public Works and Utilities	11415
Public Works and Utilities	11416
Public Works and Utilities	11417
Public Works and Utilities	11418
Public Works and Utilities	11419
Public Works and Utilities	11420
Public Works and Utilities	11421
Public Works and Utilities	11422
Public Works and Utilities	11423
Public Works and Utilities	11424
Public Works and Utilities	11425
Public Works and Utilities	11426
Public Works and Utilities	11427
Public Works and Utilities	11428
Public Works and Utilities	11429
Public Works and Utilities	11430
Public Works and Utilities	11431
Public Works and Utilities	11432
Public Works and Utilities	11433
Public Works and Utilities	11434
Public Works and Utilities	11435
Public Works and Utilities	11436
Public Works and Utilities	11437
Public Works and Utilities	11438
Public Works and Utilities	11439
Public Works and Utilities	11440
Public Works and Utilities	11441
Public Works and Utilities	11442
Public Works and Utilities	11443
Public Works and Utilities	11444
Public Works and Utilities	11445
Public Works and Utilities	11446
Public Works and Utilities	11447
Public Works and Utilities	11448
Public Works and Utilities	11449
Public Works and Utilities	11450
Public Works and Utilities	11451
Public Works and Utilities	11452
Public Works and Utilities	11453
Public Works and Utilities	11454
Public Works and Utilities	11455
Public Works and Utilities	11456
Public Works and Utilities	11457
Public Works and Utilities	11458
Public Works and Utilities	11459
Public Works and Utilities	11460
Public Works and Utilities	11461
Public Works and Utilities	11462
Public Works and Utilities	11463
Public Works and Utilities	11464
Public Works and Utilities	11465
Public Works and Utilities	11466
Public Works and Utilities	11467
Public Works and Utilities	11468
Public Works and Utilities	11469
Public Works and Utilities	11470
Public Works and Utilities	11471
Public Works and Utilities	11472
Public Works and Utilities	11473
Public Works and Utilities	11474
Public Works and Utilities	11475
Public Works and Utilities	11476
Public Works and Utilities	11477
Public Works and Utilities	11478
Public Works and Utilities	11479
Public Works and Utilities	11480
Public Works and Utilities	11481
Public Works and Utilities	11482
Public Works and Utilities	11483
Public Works and Utilities	11484
Public Works and Utilities	11485
Public Works and Utilities	11486
Public Works and Utilities	11487
Public Works and Utilities	11488
Public Works and Utilities	11489
Public Works and Utilities	11490
Public Works and Utilities	11491
Public Works and Utilities	11492
Public Works and Utilities	11493
Public Works and Utilities	11494
Public Works and Utilities	11495
Public Works and Utilities	11496
Public Works and Utilities	11497
Public Works and Utilities	11498
Public Works and Utilities	11499
Public Works and Utilities	11500

ACCOUNT 1971  
CONTINUING

1971-01-01	Balance forward	100.00
1971-01-15	Deposit	50.00
1971-02-01	Withdrawal	25.00
1971-02-15	Deposit	75.00
1971-03-01	Withdrawal	30.00
1971-03-15	Deposit	60.00
1971-04-01	Withdrawal	40.00
1971-04-15	Deposit	80.00
1971-05-01	Withdrawal	50.00
1971-05-15	Deposit	90.00
1971-06-01	Withdrawal	60.00
1971-06-15	Deposit	100.00
1971-07-01	Withdrawal	70.00
1971-07-15	Deposit	110.00
1971-08-01	Withdrawal	80.00
1971-08-15	Deposit	120.00
1971-09-01	Withdrawal	90.00
1971-09-15	Deposit	130.00
1971-10-01	Withdrawal	100.00
1971-10-15	Deposit	140.00
1971-11-01	Withdrawal	110.00
1971-11-15	Deposit	150.00
1971-12-01	Withdrawal	120.00
1971-12-15	Deposit	160.00
1971-12-31	Balance forward	170.00

## List of Government Authors

	Beginning entry
Administrative Office of United States Courts.....	11858
Agriculture Department.....	11869
Agricultural Research Service.....	11862
Agricultural Stabilization and Conservation Service.....	11867
Consumer and Marketing Service.....	12482
Economic Research Service.....	12557
Food and Nutrition Service.....	12685
Foreign Agricultural Service.....	12688
Forest Service.....	12692
Soil Conservation Service.....	13243
Statistical Reporting Service.....	13283
Atomic Energy Commission.....	11953
Civil Aeronautics Board.....	12050
Civil Rights Commission.....	12054
Civil Service Commission.....	12056
Commerce Department.....	12062
Census Bureau.....	11962
Domestic Commerce Bureau.....	12550
Economic Development Administration.....	12553
Foreign Direct Investment Office.....	12691
International Commerce Bureau.....	12821
Maritime Administration.....	12929
National Bureau of Standards.....	13056
National Oceanic and Atmospheric Administration.....	13121
Environmental Data Service.....	12604
National Oceanographic Data Center.....	13132
National Marine Fisheries Service.....	13112
National Ocean Survey.....	13117
National Oceanographic Instrumentation Center.....	13133
National Technical Information Service.....	13155
Patent Office.....	13187
United States Travel Service.....	13329
Congress.....	12104
Atomic Energy Joint Committee.....	12132
Economic Joint Committee.....	12133
House of Representatives.....	12134
Agriculture Committee.....	12263
Appropriations Committee.....	12266
Armed Services Committee.....	12272
Banking and Currency Committee.....	12277
District of Columbia Committee.....	12281
Education and Labor Committee.....	12283
Foreign Affairs Committee.....	12291
Government Operations Committee.....	12296
Interior and Insular Affairs Committee.....	12299
Internal Security Committee.....	12300
Interstate and Foreign Commerce Committee.....	12301

Congress—Continued	Beginning Entry
Judiciary Committee.....	12310
Merchant Marine and Fisheries Committee.....	12312
Post Office and Civil Service Committee.....	12315
Science and Astronautics Committee.....	12324
Veterans' Affairs Committee.....	12326
Printing Joint Committee.....	12328
Reduction of Federal Expenditures Joint Committee.....	12329
Senate.....	12330
Aging, Special Committee on.....	12441
Agriculture and Forestry Committee.....	12442
Armed Services Committee.....	12445
Commerce Committee.....	12447
District of Columbia Committee.....	12449
Equal Educational Opportunity, Select Committee on.....	12451
Finance Committee.....	12452
Foreign Relations Committee.....	12455
Government Operations Committee.....	12459
Interior and Insular Affairs Committee.....	12460
Judiciary Committee.....	12462
Labor and Public Welfare Committee.....	12465
Post Office and Civil Service Committee.....	12471
Public Works Committee.....	12473
Rules and Administration Committee.....	12477
Small Business, Select Committee on.....	12480
Defense Department.....	12489
Adjutant General's Office.....	11857
Air Force Department.....	11904
Army Department.....	11925
Civil Defense Office.....	12051
Engineers Corps.....	12576
Joint Chiefs of Staff.....	12839
National Guard Bureau.....	13080
Navy Department.....	12923
Marine Corps.....	12936
Medicine and Surgery Bureau.....	13163
Naval Air Systems Command.....	13165
Naval Operations Office.....	13164
Naval Oceanographic Office.....	13166
Naval Personnel Bureau.....	13173
Naval Research Office.....	12609
Environmental Protection Agency.....	11913
Air Programs Office.....	13190
Pesticides Office.....	13252
Solid Waste Management Office.....	13340
Water Quality Office.....	12611
Equal Employment Opportunity Commission.....	12614
Farm Credit Administration.....	12627
Federal Communications Commission.....	12629
Federal Deposit Insurance Corporation.....	12645
Federal Maritime Commission.....	12647
Federal Power Commission.....	

Beginning Entry		Beginning Entry
12310	Federal Reserve System Board of Governors.....	12657
12312	Federal Trade Commission.....	12678
12315	General Accounting Office.....	12722
12324	General Services Administration.....	
12326	Federal Supply Service.....	12673
12328	National Archives and Records Service.....	13050
12329	Federal Register Office.....	12855
12330	Government Printing Office.....	
12441	Public Documents Department.....	13193
12442	Health, Education, and Welfare Department.....	
12445	Child Development Office.....	12047
12447	Children's Bureau.....	12048
12449	Head Start Project.....	12706
12451	Education Office.....	12562
12452	Public Health Service.....	13196
12455	Environmental Health Service.....	
12459	Radiological Health Bureau.....	13212
12460	Food and Drug Administration.....	12680
12462	Health Services and Mental Health Administration.....	12769
12465	Center for Disease Control.....	12045
12471	Community Health Service.....	12101
12473	Health Care Facilities Service.....	12767
12477	Indian Health Service.....	12793
12480	Maternal and Child Health Service.....	12934
12480	National Center for Health Statistics.....	13073
11857	National Institute of Mental Health.....	13096
11904	National Institutes of Health.....	13105
11925	Health Manpower Education Bureau.....	12768
12051	National Institute of Arthritis and Metabolic Diseases.....	13091
12576	National Institute of Child Health and Human Development.....	13093
12839	National Institute of Dental Research.....	13095
13080	National Institute of Neurological Diseases and Stroke.....	13102
	Social and Rehabilitation Service.....	13235
12923	Aging Administration.....	11861
12936	Community Services Administration.....	12102
13163	National Center for Social Statistics.....	13074
13165	Rehabilitation Services Administration.....	13227
13164	Youth Development and Delinquency Prevention Administration.....	13375
13166	Social Security Administration.....	13236
13173	Housing and Urban Development Department.....	12772
12609	Federal Housing Administration.....	12639
11913	Interdepartmental Committee on Status of Women.....	12794
13190	Interior Department.....	12795
13252	Bonneville Power Administration.....	11961
13340	Fish and Wildlife Service.....	
12611	Sport Fisheries and Wildlife Bureau.....	13256
12614	Geographic Names Board.....	12742
12627	Geological Survey.....	12743
12629	Indian Affairs Bureau.....	12701
12645	Land Management Bureau.....	12916
12647	Mines Bureau.....	12938
	National Park Service.....	13134
	Reclamation Bureau.....	13215



	Beginning Entry
Interstate Commerce Commission.....	12838
Joint Publications Research Service.....	12841
Justice Department.....	12879
Federal Bureau of Investigation.....	12826
Immigration and Naturalization Service.....	12788
Prisons Bureau.....	13192
Labor Department.....	12884
Employment Standards Administration.....	
Wage and Hour Division.....	13338
Women's Bureau.....	13372
Labor Statistics Bureau.....	12894
Workplace Standards Administration.....	
Labor Standards Bureau.....	12801
Library of Congress.....	
Copyright Office.....	12486
Missouri Basin Inter-Agency Committee.....	12955
National Aeronautics and Space Administration.....	12958
National Credit Union Administration.....	13077
National Foundation on the Arts and the Humanities	
• National Endowment for the Humanities.....	13078
National Industrial Pollution Control Council.....	13089
National Labor Relations Board.....	13111
National Science Foundation.....	13149
President of United States.....	13191
Executive Office of the President.....	
Economic Opportunity Office.....	12555
Management and Budget Office.....	12921
Selective Service System.....	13230
Smithsonian Institution.....	13231
National Gallery of Art.....	13079
State Department.....	13261
Peace Corps.....	13189
Tariff Commission.....	13291
Tennessee Valley Authority.....	13301
Transportation Department.....	13302
Coast Guard.....	12000
Federal Aviation Administration.....	12615
Air Traffic Service.....	11919
Airports Service.....	11923
Aviation Medicine Office.....	11959
Flight Standards Service.....	12679
Systems Research and Development Service.....	13287
Federal Highway Administration.....	12630
Motor Carrier Safety Bureau.....	12958
Public Roads Bureau.....	13211
Federal Railroad Administration.....	12650
Railroad Safety Bureau.....	13214
National Highway Traffic Safety Administration.....	13082
National Transportation Safety Board.....	13157
Treasury Department.....	13310
Internal Revenue Service.....	12814
Mint Bureau.....	12954



August 1971

XVII

Beginning  
Entry

Beginning  
Entry

12838	United States Postal Service.....	13324
12841	Veterans Administration.....	13333
12879	White House Conference on Aging.....	13368

# Monthly Catalog

UNITED STATES DEPARTMENT OF DEFENSE (Army), Defense Dept.  
Washington, DC 20305

ADMINISTRATIVE OFFICE OF UNITED STATES COURTS  
Washington, DC 20540

ACTIVE ADMINISTRATION, Monthly Digest, and Military Dept.  
Washington, DC 20305

AGRICULTURAL BANKING INSTITUTE Agricultural Dept.  
Washington, DC 20520

27th Ann. by National Technical Information Service  
Springfield, VA 22161

When in Doubt, Call 440-076

Page 1



# Monthly Catalog

NO. 910 • AUGUST 1971

## ADJUTANT GENERAL'S OFFICE (Army), Defense Dept. Washington, DC 20310

[Special list.]

- 11857 1971-1. Checklist of periodicals currently received in Army library. 4th edition. May 1971. cover title, [1]+iv+70 p. 4° (Administrative Services Directorate.) ‡ D 102.28/4: 1971-1

## ADMINISTRATIVE OFFICE OF UNITED STATES COURTS Washington, DC 20543

- 11858 Report of proceedings of Judicial Conference of United States held at Washington, D.C., Mar. 16-17 and Oct. 29-30, 1970; Annual report of Director of Administrative Office of United States Courts, [fiscal year] 1970. 1971. xvi+458 p. il. † • Item 728 Ju 10.1: 970
- 11859 Report of proceedings of Judicial Conference of United States, Mar. 15-16, 1971. 1971. vi+34 p. [Also issued as H. doc. 124, 92d Cong., 1st sess.] † • Item 729 Ju 10.10/2: 971
- 11860 Preliminary draft of proposed amendments to Federal rules of criminal procedure for United States District Courts and Federal rules of appellate procedure. Apr. 1971. viii+65 p. (Committee on Rules of Practice and Procedure of Judicial Conference of United States.) † • Item 729-A Ju 10.6: C 86/971

## AGING ADMINISTRATION, Health, Education, and Welfare Dept. Washington, DC 20201

- 11861 Home delivered meals, national directory; [prepared by Center for Community Research, New York City]. May 1971. cover title, [127] p. 4° (SRS-AOA publication 194.) \* Paper, \$1.25. (S/N 1762-0039). • Item 447-A-1 HE 17.302: M 46

## AGRICULTURAL RESEARCH SERVICE, Agriculture Dept. Washington, DC 20250

ARS (series). † A 77.15: (nos.)

- 11862 41-176. Agricultural Research Service precipitation facilities and related studies [with list of literature cited; by] David M. Hershfield. June 1971. v+117 p. il. 4° (Soil and Water Conservation Research Division.) • Item 25-B
- 11863 01-87. Equine infectious anemia, progress report, fiscal year 1969. Mar. 1970. 3 p. il. 4° (Animal Health Division.)
- 11864 Geographical guide to summaries of plant quarantine import requirements of foreign countries. June 30, 1971. 9 p. (Agricultural Quarantine Inspection Division; Geographical guide 353-A.) [Issued with perforations. Supersedes edition dated Apr. 24, 1964.] † A 77.306/3: G 29
- 11865 Northern Marketing and Nutrition Research Division, publications and patents, July-Dec. 1970. [1971.] [1]+76 p. 4° † A 77.17/5: 970

♣For Sale by National Technical Information Service,  
Springfield, VA 22151

•Sent to depository Libraries

Page 1

# GOVERNMENT PUBLICATIONS

- 11866 Plant quarantine import requirements of the Bahamas. July 2, 1971. 2 p. (Agricultural Quarantine Inspection Division.) [Supersedes summary July 10, 1935, P.Q., 378 supplement 1 May 3, 1957, and TM's July 17, 1962 and Apr. 20, 1964.] † A 77.329: B 147

## AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE, Agriculture Dept., Washington, DC 20250

- 11867 Colorado, State summary of county ASCS activities, 1971. [1971.] cover title, [3]+43 p. ll. oblong 8" † A 82.1/2: C 71/971
- 11868 Rebuilding quality environment through rural environment assistance program. July 1971. [8] p. ll. narrow 8" † • Item 106 A 82.2: R 88

## AGRICULTURE DEPARTMENT Washington, DC 20250

NOTE.—Requests to the Department of Agriculture for publications should include the USDA number if given in the entry.

### Agriculture handbooks. • Item 3 A 1.76: (nos.)

- 11869 51. Federal and State standards for composition of milk products (and certain non-milkfat products), as of Jan. 1, 1971; [compiled and edited by Richard W. Webber]. [Revised May 1971.] [1971.] 27 p. 4" (Consumer and Marketing Service.) • Paper, 25c. S/N 0100-1375  
L.C. card 72-613562
- 11870 129. Controlling insect pests of stored rice; [prepared by Stored-Product Insects Research Branch, Market Quality Research Division, Agricultural Research Service]. [Revised June 1971.] [1971.] iv+19 p. ll. 4" • Paper, 20c. L.C. card 76-613642
- 11871 376. Market diseases of apples, pears, and quinces [with list of literature cited]; by Charles F. Pierson, Michael J. Ceponis, and Lacy P. McCulloch. May 1971. iv+112+[1] p. 17 pl. (Agricultural Research Service.) [Revision of and supersedes Miscellaneous publication 168. Text on p. 2 of cover. Plates are colored.] • Paper, 75c. L.C. card 78-613526
- 11872 388. Sweetpotato culture and diseases [with list of literature cited; by Clarence E. Steinbauer and Leaton J. Kushman]. June 1971. ii+74 p. ll. 4" (Agricultural Research Service.) • Paper, \$1.25. L.C. card 77-613610
- 11873 Comprehensive study, Connecticut River basin, Vermont, New Hampshire, Massachusetts, Connecticut, supplement to appendix F. Inventory of potential upstream reservoir sites; [prepared by USDA Field Advisory Committee]. Oct. 1970. cover title, [3]+139 p. ll. 4" [Prepared in cooperation with Economic Research Service, Forest Service and Soil Conservation Service.] † A 1.2: C 76/2/app.F/supp.

### Farmers' bulletins.

- 11874 2187. Managing family forest [with list of reference material; by Gordon G. Mark and Robert S. Dimmick]. [May 1962, slight revision, July 1971.] [1971.] [2]+59 p. ll. ([Forest Service.]) [Supersedes Farmers' bulletin 1889, Managing small forest.] • Paper, 30c. (S/N 0100-1366). • Item 9 A 1.9: 2187/2

### Home and garden bulletins. • Item 11 A 1.77: (nos.)

- 11875 8. Home canning of fruits and vegetables; [prepared by Consumer and Food Economics Division]. [Revised Feb. 1965, slightly revised July 1971.] [1971.] 32 p. ll. (Agricultural Research Service.) • Paper, 20c.
- 11876 86. Growing camellias; [prepared by Plant Science Research Division, Agricultural Research Service]. [Revised July 1971.] [1971.] 12 p. ll. • Paper, 15c.
- 11877 104. Protecting shade trees during home construction. [Apr. 1965, slightly revised July 1971.] [1971.] 8 p. ll. ([Plant Science Research Division, Agricultural Research Service.]) [Supersedes Farmers' bulletin 1967, Reducing damage to trees from construction work.] • Paper, 10c.
- 11878 126. Growing peonies; [by Henry M. Cathey]. [Revised Sept. 1970; slightly revised May 1971.] 1971. 12 p. ll. (Plant Science Research Division, Agricultural Research Service.) • Paper, 10c.
- 11879 139. Soaps and detergents for home laundering; [prepared by Southern Marketing and Nutrition Research Division, Agricultural Research Service]. [Dec. 1967, slightly revised July 1971.] [1971.] 8 p. [Supersedes Home and garden bulletin 49, Detergents for home laundering.] • Paper, 10c.

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# AUGUST 1971

## Leaflet.

- 11880 540. Periodical cicadas, 17 year locusts: [prepared by Entomology Research Division, Agricultural Research Service]. [Revised June 1971.] [1971.] 8 p. ll. [Supersedes Leaflet 340.] † • Item 12  
L.C. card 74-613517 A 1.35: 540/2

## Marketing research reports. • Item 13-B

A 1.82: (nos.)

- 11881 899. Transport and handling of carnations cut in bud stage, potential advantages [with list of literature cited]: by Robert F. Guilfooy, Jr., and Arnold L. Lundquist. [Jan. 1971.] [2] + 10 p. ll. 4° (Agricultural Research Service.) • Paper, 15c.  
11882 902. New shipping containers for fresh western cherries, costs, performance and trade acceptance: [by Robert Tom Hinsch, and James B. Fountain, and Roger E. Rij]. [June 1971.] iv + 12 p. ll. 4° (Agricultural Research Service.) • Paper, 15c.  
11883 915. Distribution of grain fumigants in silo-type elevator tanks by aeration systems: by C. L. Storey. [June 1971.] cover title, iv + 17 p. ll. 4° (Market Quality Research Division, Agricultural Research Service.) • Paper, 20c.  
11884 920. Air transport of California strawberries, pallet covers to maintain modified atmospheres and reduce market losses [with list of literature cited]: by John M. Harvey, C. M. Harris, and Frank M. Porter. [July 1971.] iv + 10 p. ll. 4° (Agricultural Research Service.) • Paper, 15c.  
11885 930. Chicken broiler industry, structure, practices, and costs [with list of selected references]: by Fred L. Faber and Ruth J. Irvin. [May 1971.] cover title, iii + 56 p. ll. 4° (Economic Research Service.) [Text on p. 2 of cover.] • Paper, 60c.  
L.C. card 79-613754

## Miscellaneous publications. • Item 13-A

A 1.38: (nos.)

- 11886 716. Soil science career for you in SCB. [Slightly revised June 1971.] [1971.] [8] p. ll. narrow 8° (Soil Conservation Service.) • Paper, 10c.  
11887 717. Careers in Soil Conservation Service. [Revised May 1971.] [1971.] [12] p. ll. narrow 8° (Soil Conservation Service.) • Paper, 10c.  
11888 1197. Crowding gates for dairy cattle. July 1971. [2] p. ll. 4° (Cooperative farm building exchange, plan 6092: [Agricultural Engineering Research Division, Agricultural Research Service].) • Paper, 5c. (S/N 0100-1370).  
11889 1199. Farrowing house for hogs. July 1971. [2] p. ll. 4° (Cooperative farm building plan exchange, plan 6088: [Agricultural Engineering Research Division, Agricultural Research Service].) • Paper, 5c. (S/N 0100-1356).  
11890 1202. Greenhouse, plastic covered. July 1971. [2] p. ll. 4° (Cooperative farm building plan exchange, plan 6094: [Agricultural Engineering Research Division, Agricultural Research Service].) • Paper, 5c.

## PA [Program aid] (series). • Item 14-A

A 1.68: (nos.)

- 11891 490. Emergency loans. [Revised June 1971.] [1971.] [6] p. ll. narrow 8° (Farmers Home Administration.) †  
11892 815. Veterinary biologics help fight animal diseases. [Revised June 1971.] [1971.] 8 p. ll. (Veterinary Biologics Division, Agricultural Research Service.) †  
11893 841. Care and use of veterinary biologics, veterinarian's check list. [Revised June 1971.] [1971.] 8 p. ll. (Veterinary Biologics Division, Agricultural Research Service.) • Paper, 10c. (S/N 0100-1372).  
11894 973. This is FHA. [June 1971.] [6] p. narrow 8° (Farmers Home Administration.) [Supersedes PA-705, Farmers Home Administration.] †

## Picture stories †

A 1.100: (nos.)

- 11895 237. Bus at Eagle River. May 1971. [6] p. ll. oblong large 8° folded into 4° size. (Food and Nutrition Service.)  
11896 240. Grasshoppers, biblical plague. June 1971. [4] p. ll. 4° (Agricultural Research Service.)

## Science study aid.

- 11897 2. Teacher's guide to minigardens [with bibliography]: developed by Constance Jackson. [May 1970, slightly revised Feb. 1971.] [1971.] [4] p. 4° ([Information Division, Agricultural Research Service.]) [Issued with perforations.] • Paper, 10c. • Item 14-B  
A 1.104: 2/2

## Statistical bulletins. • Item 15

A 1.34: (nos.)

- 11898 333. Livestock and meat statistics, supplement for 1970. 1971. [1] + iv + 149 p. 4° (Economic Research Service, Statistical Reporting Service, Consumer and Marketing Service.) • Paper, \$1.25.  
11899 455. Supplement for 1970 to wool statistics and related data, 1930-69: [compiled by Mildred V. Jones]. June 1971. iv + 118 p. 4° (Economic Research Service.) †  
11900 466. Poultry market statistics, 1970, annual summary: [collected and compiled by Dairy and Poultry Market News Branch]. Apr. 1971. 57 p. 4° (Consumer and Marketing Service.) • Paper, 50c.  
11901 471. Cotton and cottonseed, planted and harvested acres, yield per acre, production, disposition, price, value, by States 1953-69. [June 1971.] cover title, 21 p. ll. 4° (Crop Reporting Board, Statistical Reporting Service.) †

✦For Sale by National Technical Information Service,  
Springfield, VA 22151

•Sent to depository Libraries

Page 3

# GOVERNMENT PUBLICATIONS

## Statistical bulletins—Continued

- 11902 472. Consumption of commercial fertilizers, primary plant nutrients, and micro-nutrients. [June 1971.] cover title, 85 p. il. 4°. (Statistical Reporting Service. Crop Reporting Board.) \* Paper, 75c. (S/N 0100-1424).

## Technical bulletin.

- 11903 1422. Variables affecting film permeability requirements for modified-atmosphere storage of apples [with list of literature cited]. [May 1971.] il+81 p. il. (Agricultural Research Service.) (One illustration is colored.) \* Paper, 60c. • Item 16 A 1.36:1422

## AIR FORCE DEPARTMENT, Defense Dept. Washington, DC 20330

### Air Force manual AFM (series). ‡ • Item 421 D 301.7:(nos.)

- 11904 39-1. Enlisted personnel: Airman classification manual, v. 1, Change 6, May 28, 1971. [1971.] [185] p. il. 2 pl. 4° [Issued with perforations. Effective July 1, 1971.]
- 11905 67-3X. See, Army Department, Technical manual 743-200.
- 11906 68-3. See Defense Department, Defense Supply Agency handbook DSAH 4160.1.
- 11907 86-4. Civil engineering programming: Standard facility requirements. July 1, 1971. cover title, [200] p. il. 4° [Issued in looseleaf form. Supersedes AFM 86-4, Sept. 1, 1971.]
- 11908 170-12. Comptroller activities: Airlift service Air Force Industrial Fund; July 1, 1971. [1971.] [183] p. il. 4° [Issued with perforations. Supersedes AFM 170-12, Apr. 1, 1965.]

### Air Force System Command manual AFSCM (series).

- 11909 310-1. Contractor data management: Management of contractor data and reports: v. 2, Authorized data list, Change 5, Mar. 31, 1971. [51] p. il. 4° (Air Force Logistics Command manual AFLCM 310-1, v. 2.) [Issued in looseleaf form.] \* Paper, 45c. (S/N 0870-0299). • Item 421 D 301.45/14: 310-1/2/v.2/ch.5

### Air Force Systems Command pamphlet AFSOP (series).

- 11910 800-6. Acquisition management: Statement of work preparation guide. May 14, 1971. cover title, [42] p. il. 4° [Issued with perforations. Supersedes AFSCM 70-5, Feb. 1, 1968.] \* Paper, 55c. (S/N 0870-0301). • Item 421XA D 301.35/3: 800-6

### Air Force Systems Command regulation AFSCR (series).

- 11911 310-1. Contractor data management: Management of contractor data. June 18, 1971. cover title, il+17 p. 4° [Issued with perforations. Replaces AFSCM/AFLCM 310-1, v. 1, Aug. 30, 1969.] \* Paper, 30c. • Item 455 D 301.45/14-2: 310-1

### Special bibliography. (Air University Library, Maxwell Air Force Base, Ala.)

- 11912 147, supp. 4. Retention, officers and airmen, selected references. Nov. 1969. 5 p. 4°. † D 301.26/11: 147/supp.4

## AIR PROGRAMS OFFICE, Environmental Protection Agency Rockville, MD 20852

NOTE.—The name of the Air Pollution Control Office has been changed to Air Programs Office.

### Air Pollution Control Office publication AP—(series).

- 11913 88. Photochemical oxidants and air pollution; annotated bibliography. [Mar. 1971.] (Office of Technical Information and Publications, Air Pollution Technical Information Center.) \* Paper, \$6.25 per set (2 vols.) • Item 483-E
- pt. 1. Categories A through F. cover title, iii+1-813 p.
- pt. 2. Categories G through N and indexes. cover title, iii+815-1529 p. EP 4.9: 88/pt.1,2

### Air Programs Office publication AP (series). • Item 483-E

- 11914 77. Guide for control of air pollution episodes in medium-sized urban areas. June 1971. v+55 p. il. [Prepared under Public Health Service contract PH-22-68-32.] \* Paper, 40c. (S/N 5503-0013). EP 4.9:(nos.)
- 11915 78. Guide for control of air pollution episodes in small urban areas [with list of references]. June 1971. v+60 p. il. [Prepared under contract PH-22-68-32.] \* Paper, 40c. (S/N 5503-0012).

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# August 1971

- 11916 96. Air pollution aspects of emission sources, electric power production, bibliography with abstracts. May 1971. vii+312 p. 4° (Office of Technical Information and Publications, Air Pollution Technical Information Center, Office of Air Programs, Research Triangle Park, N.C.) \* Paper, \$2.25. (S/N 5503-0011).  
L.C. card 77-613566
  - 11917 98. Guidelines: Air quality surveillance networks. May 1971. iii+16 p. ii. \* Paper, 20c. (S/N 5503-0010).
- Air Programs Office publication APTD (series).
- 11918 0663. SAROAD, users manual, [(storage and retrieval of aerometric data)]. [July 1971.] cover title, viii+60 p. ii. 4° \* Paper, 3.00. \* Item 483-E  
EP 4.9/2: 0663

## **AIR TRAFFIC SERVICE, Transportation Dept. Washington, DC 20553**

- 11919 IFR [instrument flight rules] off-airway routes (non part 95). May 1971. cover title, [1]+22 p. 4° (Flight Information Division.) [Consolidation of Off-Airway Non-95 Routes not published in Part 95, including May 27, 1971 amendment.] ‡  
TD 4.302: A1 7/971
- 11920 Index of standard instrument approach procedures. Feb. 4, 1971. cover title, [1]+150 p. 4° (Flight Services Division.) ‡  
TD 4.312: 971
- 11921 International weather schedules service O, Change 11. [Apr. 5, 1971.] [56] p. 4° (7330.6 CHG 11.) [Issued in looseleaf form. Cancellation date Oct. 1, 1971.] ‡ \* Item 431-D-1  
FAA 3.8: W 37/2/966/ch.11
- 11922 Non-compulsory radio fixes. May 1971. cover title, [1]+138 p. 4° (Flight Information Service.) ‡  
TD 4.302: R 11

## **AIRPORTS SERVICE, Transportation Dept. Washington, DC 20553**

- 11923 Airport design standards: Airports served by air carriers, bridges and tunnels on airports. Apr. 19, 1971. cover title, [24] p. ii. 4° ([Advisory circular] AC 150/5335-3.) [Issued with perforations.] ‡ \* Item 431-C-4  
TD 4.111: B 76
- Report AS--(series).
- 11924 71-1. Minimum needs for airport fire fighting and rescue services, final report [with list of references; by] Bert M. Cohn, P. E. and John A. Campbell, P. E. Gage-Babcock & Associates, Inc., Westchester, Ill. Jan. 1971. cover title, iv+69 + [24] p. ii. 4° [Contract DOT-FA71WA-2487.] \* Paper, \$3.00.  
TD 4.112: 71-1

## **ARMY DEPARTMENT, Defense Dept. Washington, DC 20310**

- 11925 Armor, U.S. Army. June 1971. [3] p. ii. 16° ([RPI 244.]) [One illustration is colored.] ‡ \* Item 325  
D 101.2: Ar 5/10
- Army Electronics Command, Fort Monmouth, N.J.: Research and development technical report ECOM (series). ‡  
D 111.9/4: (nos.)
- 11926 3374. Quartz crystal measurements [with list of references; by] Erich Hafner, Arthur Ballato [and] Paul Blomster. Dec. 1970. cover title, [25] leaves, ii. 4° [DA task 1H6-62750-A-058-03-05; Reports control symbol OSD-1366.]
  - 11927 3376. Ionospheric effects (possible from internal gravity waves) upon total electron content during solar eclipse of Mar. 7, 1970 [with list of references]; by P. R. Arendt. Dec. 1970. iv+17+2 leaves, 4° [DA task 1T0-61102-B31A-01-38; Reports control symbol OSD-1366.]
  - 11928 3384. Guidelines for solid-state flat-panel displays: pt. 1, Display-effectiveness factors [with list of references; by] Mortimer H. Zinn [and] Elliott Schlam. Jan. 1971. iv+24+[2] p. ii. 4° [Reports control symbol OSD-1366; DA subtask 1H6-62705-A-055-03-05.]
  - 11929 3406. Collision geometry formulae and application to collision warning techniques; by Anthony Musillo. Mar. 1971. iv+31+2 leaves, ii. 4° [DA work unit 1H1-63207-DB90-01-011; Reports control symbol OSD-1366. Prepared by Environment Sensing Technical Area, Avionics Laboratory.]

\*For Sale by National Technical Information Service,  
Springfield, VA 22151  
\*Sent to depository Libraries



# GOVERNMENT PUBLICATIONS

## Army Electronics Command—Continued

- 11930 5350. One-dimensional quasi-time-dependent numerical model of cumulus cloud activity [with list of literature cited]; by Walter S. Nordquist, Jr., and Neil L. Johnson. Dec. 1970. ix+163+[8] p. il. 4°. [DA task 170-61102-B-53A-20; Reports control symbol OSD-1366. Includes list of Atmospheric sciences research papers.]

## ARO-D report. (Army Research Office, Durham, N.C.)

- 11931 71-2. Transactions of 16th Conference of Army Mathematicians, sponsored by Army Mathematics Steering Committee, host, U.S. Army Strategy and Tactics Analysis Group, Bethesda, Md., May 28-29, 1970. (1)+xii+705 p. il. 4°. ‡ D 101.52/7: 71-2

## Field manual FM (series). ‡ • Item 324

D 101.20:(nos.)

- 11932 3-8. Chemical reference handbook [with list of references]. Jan. 1967. cover title, 132 p. il. 3 pl. 4°. [Issued with perforations. Reprint, including current pages from changes 1 and 2. Supersedes FM 3-8, May 1963, including change 1, July 31, 1964.]
- 11933 5-35. Engineers' reference and logistical data [with list of references]. Apr. 1971. cover title, [505] p. 1 pl. 16 tab. 4°. [Issued with perforations. Supersedes FM-5, Feb. 23, 1960. Contains copyright material.]
- 11934 19-1. Military police support. Army divisions and separate brigades [with list of references]. June 1969 [published 1971.] cover title, [73] p. il. 4°. [Reprint which includes current pages from Change 1. Supersedes FM 19-1, July 21, 1966. Issued with perforations.]

- 11935 Investment in your future, Army ROTC scholarship program. [Mar. 1971.] [2] p. oblong 8° folded into narrow 8° size. ([RPI 677.]) ‡ • Item 325 D 101.2: R 31/9/971

## Natick Laboratories, Natick, Mass.: Technical report. ([Army Materiel Command.])

- 11936 71-17-CE. Diffusion and copolymerization of polyacrylic acid in nylon 66 fibers to achieve improved thermal protection and higher moisture regain [with list of literature cited]; by Gilbert N. Arons and Richard N. Maenair. Sept. 1970. vi+53+[7] p. il. 4°. (Clothing and Personal Life Support Equipment Laboratory series 78-169.) [Project reference 1Y062105A329. One illustration is colored.] ‡ D 106.21: 71-17-CE

## Pamphlets. • Item 327 (Rev. 1969)

D 101.22:(nos.)

- 11937 37-6. Accounting and reporting procedures manual for Project Prime under resource management systems. Change 4. May 10, 1971. [26] p. 4°. [Issued with perforations. Effective July 1, 1971. Supersedes C.S. DA Pam 37-6, Dec. 9, 1969.] ‡
- 11938 550-22. Area handbook for Cyprus [with bibliography]; by Eugene K. Keefe [and others]. 1971. xiv+241 p. il. [Prepared by Foreign Area Studies, American University. Research and writing were completed on Oct. 15, 1970.] \* Cloth, \$2.50. L.C. card 79-610125
- 11939 550-28. Area handbook for Ethiopia [with bibliographies]; by Irving Kaplan [and others]. 1971. xiv+543 p. il. [Prepared by Foreign Area Studies, American University. Research and writing were completed on Aug. 31, 1970.] \* Cloth, \$3.75. L.C. card 79-609351
- 11940 550-96. Area handbook for Ceylon [with bibliography]; by Richard F. Nyrop [and others]. 1971. xvi+525 p. il. [Prepared by Foreign Area Studies, American University. Research and writing were completed on Aug. 19, 1970.] \* Cloth, \$3.50. L.C. card 71-609526

- 11941 Take command of your future. [1971.] cover title, 32 p. il. oblong 8° [Illustrations are colored.] ‡ • Item 325 D 101.2: F 98/971

## Technical manual TM (series). • Item 329

D 101.11:(nos.)

- 11942 8-226-2. Dental fixed prosthetic specialist [with list of references]. Jan. 1971. cover title, [133] p. il. 4°. [Issued with perforations. Supersedes Chap. 2, 29-32 of TM 8-226, Sept. 15, 1967. Text on p. 2 of cover.] ‡
- 11943 9-270. Common wood and metal repair [with list of references]. Mar. 1971. cover title, [52] p. il. 4°. [Issued with perforations. Supersedes TM 10-270, Jan. 26, 1965.] ‡
- 11944 55-410. Aircraft maintenance, servicing, and ground handling under extreme environmental conditions [with list of references]. Oct. 1969. cover title, 55 p. il. 4°. [Issued with perforations. Supersedes issue of Mar. 1966. Title on cover is: Army technical bulletin.] ‡
- 11945 743-200. Storage and materials handling [Change] 24; Mar. 21, 1971. [1971.] [89] p. il. 4°. ([Navy Dept.] NAVSUP pub. 284 CH 24; [Air Force Dept.] AFM 67-3X; [Marine Corps] NAVMC 1101 CH 24; [Defense Dept.] DSAM 4146.1 CH 24.) [Issued in looseleaf form.] \* Paper, 40c.

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available



# AUGUST 1971

11946 755-200. See Defense Department, Defense Supply Agency handbook DSAH 4160.1.

Technical research note. (Behavior and Systems Research Laboratory.)

11947 223. Human performance experimentation in night operations: Technology and instrumentation for field research: [by] Aaron Hyman, Jack J. Sternberg and James H. Banks. June 1970. [8]+22 p. ll. 4° (Combat Systems Research Division) (Army project 2Q024701A723, Night operations a-00.) \* Paper, \$3.00 (AD 713463) D 101.60/2: 223

Technical research report. (Behavior and Systems Research Laboratory.)

11948 1164. Search effectiveness with starlight scope and 7 x 50 binoculars: [by] John P. Farrell, James H. Banks and Jack J. Sternberg. June 1970. [8]+32 p. ll. 4° (Combat Systems Research Division) (Army project 2Q024701A723, Night operations b-00.) \* Paper, \$3.00 (AD 712318) D 101.60/2: 1164

11949 U.S. Army aviation RDTE technical reports published in 1970. Mar. 1971. cover title, iii+37 p. 4° (Eustis Directorate, U.S. Army Air Mobility Research and Development Laboratory, Fort Eustis, Va.) [Erratum, 1 p., issued also.] ‡ D 117.8/2: list/970

USAAAMRD technical report. (Eustis Directorate, U.S. Army Air Mobility Research and Development Laboratory, Fort Eustis, Va.) ‡ D 117.8/2: (nos.)

11950 71-18A. Helicopter development reliability test requirements: v. 1. Study results, final report [with list of literature cited]; by K. G. Rummel. Apr. 1971. [1]+xxiv+290+[2] p. ll. 4° [Report no. D 210-10207-1; task 1F162203A14301; contract DAAJ02-07-C-0039. Prepared by Boeing Company, Vertol Division, Philadelphia, Pa.]

11951 71-20. Design and experimental evaluation of high-temperature radial turbine; by Glenn S. Calvert, Stephen C. Beck, Ulo Okapuu. May 1971. [1]+xx+206+[2] p. ll. 4° [Project 1G162203D14413. Prepared under contract DAAJ0268-C-0003 by Pratt & Whitney Aircraft, Florida Research and Development Center, West Palm Beach, Fla.]

USAAVLABS technical report. (Eustis Directorate, Army Air Mobility Research and Development Laboratory, Fort Eustis, Va.)

11952 71-11. Analysis and design study of pilot assist system for helicopters [with list of literature cited]; by Arthur J. Welch [and] Edward L. Warren. Apr. 1971. [1]+xiv+176+[2] p. ll. 4° (ANC 72R-14.) [Task 1F162204A13905; contract DAAJ02-70-C-0019. Prepared by American Nucleonics Corporation, Woodland Hills, Calif.] ‡ D 117.8/2: 71-11

## ATOMIC ENERGY COMMISSION Washington, DC 20545

AEC research and development reports. • Item 1051-C

Y 3.At 7: 22/(letters-nos.)

11953 RME-4112. Flat Top uranium mine, Grants, N. Mex. [with list of references; by John W. Gabelman]. [Oct. 1970. published 1971.] cover title, v+81 p. ll. 4° [Some illustrations are colored.] \* Paper, \$2.50.

11954 WASH-1139. Forecast of growth of nuclear power. [Jan. 1971.] cover title, iii+187 p. ll. 4° (Division of Operations Analysis and Forecasting.) \* Paper, \$1.50 (S/N 5210-0266).

11955 WASH-1167. Compaction of radioactive solid waste [with list of references; prepared by AEC Working Group on Compaction]. June 1970 [published 1971]. cover title, [1]+ii+88 p. ll. 4° [Report to General Manager's task force on AEC operational radioactive waste management.] \* Paper, 50c. (S/N 5210-0268).

11956 WASH-1168. Incineration of radioactive solid wastes, report to General Manager's Task Force on AEC Operational Radioactive Waste Management [with bibliographies; prepared by AEC Working Group for Incineration]. Aug. 1970 [published 1971]. cover title, [1]+vi+142 p. ll. 4° \* Paper, \$1.50. (S/N 5210-1168).

11957 Nuclear science abstracts, v. 24, 1970 annual index, pt. 1. Corporate authors, personal authors, supplement. [1971.] [8]+310+[3] p. 4° (Division of Technical Information.) \* Paper, \$2.00. • Item 1051-A

Y 3.At 7: 16-5/24-2/pt.1/supp.

✦For Sale by National Technical Information Service,  
Springfield, VA 22151

•Sent to depository Libraries

Page 7

# GOVERNMENT PUBLICATIONS

## AEC research and development reports—Continued

- 11958 Scientific and technical manpower requirements of selected segments of atomic energy field, nuclear science and engineering. [1971.] cover title, [91]+xi+246 p. il. 4° (Division of Nuclear Education & Training.) [Manpower survey conducted by American Nuclear Society. Contract At(11-1)-2016.] \* Paper, \$2.00. (S/N 5210-0267). • Item 1051  
Y 3.At 7: 2 M 31

## AVIATION MEDICINE OFFICE, Transportation Dept. Washington, DC 20553

[Aviation medical report] AM (series).

TD 4.210: (nos.)

- 11959 70-18A. Comparison of status variable among accident and non-accident airmen from active airman population [with list of references: by] Michael T. Lategola [and others]. Dec. 1970. [4]+15+[1] p. il. 4° [Replaces AM 70-18.] \* Paper, \$3.00.  
11960 71-9. Physician pilot-in-command flight accidents 1964-70; [by] Albert Clerie-Bel, Stanley R. Mohler [and] V. Genevieve Stedman. Mar. 1971. cover title, [3]+7+[1] p. il. 4° \* Paper, \$3.00.

## BONNEVILLE POWER ADMINISTRATION, Interior Dept. Portland, OR 97208

- 11961 1970 annual report, Federal Columbia River Power System. Dec. 31, 1970. [4]+71 p. il. 4° [Colored illustrations on p. 1-4 of cover.] ‡  
I 44.1: 970

## CENSUS BUREAU, Commerce Dept. Suitland, MD 20233

Annual survey of manufactures, 1960, M69 (AS) (series). ([Industry Division.]

- 11962 2. Value of shipments by classes of products. July 1971. cover title, [1]+39 p. 4° [Preprint of chapter in Annual survey of manufactures, 1968 and 1969 volume.] † Paper, 25c. • Item 134-A C 3.24/9: M 69(AS)-2  
1970 census of housing: Block statistics, HC(3) (series). ([Housing Division.] C 3.224/5: 970/(nos.)  
11963 64. Boise City, Idaho, urbanized area. [May 1971.] cover title, xii+22 p. il. 7 maps in pocket 4°. \* Paper, \$1.75. • Item 156-A-14  
11964 146. Las Vegas, Nev. urbanized area. June 1971. xi+32 p. 12 maps in pocket. 4° \* Paper, \$2.50. • Item 156-A-30  
1970 census of housing: General housing characteristics, HC(1)-A (series). ([Housing Division.] C 3.224/3: 970/(nos.)  
11965 3. Alaska. [June 1971.] cover title, iv+27+12 p. il. 4° \* Paper, 65c. • Item 156-A-3  
11966 4. Arizona. [June 1971.] cover title, iv+45+12 p. il. 4° \* Paper, 65c. • Item 156-A-4  
11967 7. Colorado. June 1971. iv+48+12 p. il. 4° \* Paper, \$1.00. • Item 156-A-7  
11968 21. Maine. [June 1971.] cover title, iv+47+12 p. il. 4° \* Paper, 70c. • Item 156-A-21  
11969 28. Montana. [June 1971.] cover title, iv+37+12 p. il. 4° \* Paper, 65c. • Item 156-A-28  
11970 33. New Mexico. [June 1971.] cover title, iv+42+12 p. il. 4° \* Paper, 65c. • Item 156-A-33  
11971 43. South Dakota. June 1971. iv+38+12 p. il. 4° \* Paper, 65c. • Item 156-A-44  
11972 46. Utah. [June 1971.] cover title, iv+45+12 p. il. 4° \* Paper, \$1.00. • Item 156-A-47  
11973 52. Wyoming. [June 1971.] iv+27+12 p. il. 4° \* Paper, 65c. • Item 156-A-53  
1967 census of manufactures: Special report MC67(S) (series). ([Industry Division.]  
11974 2.3. Concentration ratios in manufacturing: pt. 3. Employment, payrolls, capital expenditures, and other general statistics. June 1971. [3]+72+A2 p. 4° \* Paper, 70c. (S/N 0301-2280). • Item 135 C 3.24/15: 967/2.3  
1967 census of manufactures: [Subject statistics] MC 67(1)-(series). ([Industry Division.] [Preprint from v. 1, Summary and subject statistics.]  
11975 6. Materials consumed. June 1971. v+197 p. 4° \* Paper, \$1.75 (S/N 0301-2279; given incorrectly in publication as S/N 0301-2278). • Item 135 C 3.24/12: 967/6

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# August 1971

- 11976 1967 census of manufactures, final subject reports, publications order form. [June 1971.] [2] p. narrow f° folded into oblong 48" size ([Form BC-2404.]) † C 3.24/10: 967-2
- 1967 census of mineral industries: Industry series MIC67(1).
- 11977 13A. Crude petroleum and natural gas, Change sheet. June 17, 1971. [2] p. 4° † C 3.216: 967/13 A/ch.1
- 11978 1970 census of population: Alphabetical index of industries and occupations; [by Stanley Greene and others]. June 1971. [381] p. 4° ([Population Division.]) \* Paper, \$3.00 (S/N 0301-2283.) ● Item 154 C 3.223: Oc 1/970
- 1970 census of population: Number of inhabitants, PC(1)-A (series). ([Population Division.]) C 3.223/5: 970/(nos.)
- 11979 5. Arkansas. June 1971. viii + 40 p. ll. 4° \* Paper, 45c. ● Item 159-A-5
- 11980 10. District of Columbia. June 1971. viii + 10 p. ll. 4° \* Paper, 35c. ● Item 159-A-10
- 11981 16. Indiana. June 1971. viii + 48 p. ll. 4° \* Paper, 50c. ● Item 159-A-16
- 11982 17. Iowa. June 1971. viii + 51 p. ll. 4° \* Paper, 50c. ● Item 159-A-17
- 11983 23. Massachusetts. June 1971. viii + 35 p. ll. 4° \* Paper, 40c. ● Item 159-A-23
- 11984 26. Mississippi. June 1971. viii + 30 p. ll. 4° \* Paper, 40c. ● Item 159-A-26
- 11985 29. Nebraska. June 1971. viii + 40 p. ll. 4° \* Paper, 45c.
- 11986 42. South Carolina. June 1971. viii + 29 p. ll. 4° \* Paper, 40c. ● Item 159-A-43
- 1970 census of population: Supplementary report PC (S1) (series).
- 11987 1. Distribution of Negro population, by county. June 1971. [4] p. 2 maps, 4° [Maps are colored.] \* Paper, 20c. (S/N 0301-2282.) ● Item 154 C 3.223/12: 970/1
- 1970 census of population and housing, final report: General demographic trends for metropolitan areas, 1960-70 PHC(2) (series). C 3.223/13: 970/(nos.)
- 11988 7. Colorado. July 1971. 26 p. ll. 4° \* Paper, 25c. ● Item 159-A-7
- 11989 20. Louisiana. May 1971. 33 p. ll. 4° \* Paper, 25c. ● Item 159-A-20
- 11990 23. Massachusetts. June 1971. 53 p. ll. 4° \* Paper, 40c. ● Item 159-A-23
- 11991 33. New Mexico. June 1971. 20 p. ll. 4° \* Paper, 15c. ● Item 159-A-33
- 11992 35. North Carolina. June 1971. 37 p. ll. 4° \* Paper, 35c. ● Item 159-A-35
- 11993 39. Oregon. June 1971. 29 p. ll. 4° \* Paper, 25c. ● Item 159-A-39
- 11994 1970 census of population and housing, final reports, Data-collection forms and procedures PHC(R)-2, publications order form. [June 1971.] [3] p. narrow 8° ([BC-2212.]) † C 3.223/3: 970-7
- 11995 Congressional district atlas, districts of 92d Congress, Errata, Rhode Island and New York. May 1971. [3] leaves; ll. 4° † C 3.62/5: 970/errata-2
- Congressional district data CDD-(series). ● Item 140-B-1 C 3.134/4: 92-(nos.)
- 11996 23. Missouri, districts of 92d Congress. June 1971. 9 p. ll. 4° † Paper, 25c.
- 11997 26. New Hampshire, district of 92d Congress. June 1971. 4 p. ll. 4° † Paper, 25c.
- County business patterns, 1970, CBP (series). ([General Economic Statistics Division.]) [Prepared with assistance of Social Security Administration.] ● Item 133-A C 3.204:(nos.)
- L.C. card 49-45747
- 11998 70-6. California. [June 1971.] cover title, [2] + 178 p. ll. 4° \* Paper, \$1.50 (S/N 0301 2213).
- 11999 70-9. Delaware. [June 1971.] cover title, [2] + 32 p. ll. 4° \* Paper, 40c. (S/N 0301 2216).
- 12000 70-10. District of Columbia. [June 1971.] cover title, [2] + 22 p. ll. 4° \* Paper, 35c. (S/N 0301 2217).
- 12001 70-12. Georgia. [June 1971.] cover title, [2] + 145 p. ll. 4° \* Paper, \$1.25 (S/N 0301-2219).
- 12002 70-13. Hawaii. [June 1971.] cover title, [2] + 29 p. ll. 4° \* Paper, 40c. (S/N 0301-2220).
- 12003 70-15. Illinois. [June 1971.] cover title, [2] + 169 p. ll. 4° \* Paper, \$1.50 (S/N 0301 2222).
- 12004 70-19. Kentucky. [June 1971.] cover title, [2] + 104 p. ll. 4° \* Paper, \$1.00 (S/N 0301 2226).
- 12005 70-20. Louisiana. [June 1971.] cover title, [2] + 93 p. ll. 4° \* Paper, \$1.00 (S/N 0301 2227).

# GOVERNMENT PUBLICATIONS

## County business patterns—Continued

- 12006 70-22. Maryland. [June 1971.] cover title, [2]+76 p. il. 4° \*Paper, 70c. (S/N 0301 2229).
- 12007 70-25. Minnesota. [June 1971.] cover title, [2]+106 p. il. 4° \*Paper, \$1.00 (S/N 0301 2232).
- 12008 70-26. Mississippi. [June 1971.] cover title, [2]+85 p. il. 4° \*Paper, \$1.00 (S/N 0301 2233).
- 12009 70-27. Missouri. [June 1971.] cover title, [2]+124 p. il. 4° \*Paper, \$1.25 (S/N 0301 2234).
- 12010 70-29. Nebraska. [June 1971.] cover title, [2]+72 p. il. 4° \*Paper, 70c. (S/N 0301 2236).
- 12011 70-32. New Jersey. [June 1971.] cover title, [2]+123 p. il. 4° \*Paper, \$1.25 (S/N 0301 2239).
- 12012 70-35. North Carolina. [June 1971.] cover title, [2]+154 p. il. 4° \*Paper, \$1.25 (S/N 0301 2242).
- 12013 70-36. North Dakota. [June 1971.] cover title, [2]+43 p. il. 4° \*Paper, 50c. (S/N 0301 2243).
- 12014 70-38. Oklahoma. [June 1971.] cover title, [2]+84 p. il. 4° \*Paper, \$1.00 (S/N 0301 2245).
- 12015 70-39. Oregon. [June 1971.] cover title, [2]+69 p. il. 4° \*Paper, 65c. (S/N 0301 2246).
- 12016 70-42. South Carolina. [June 1971.] cover title, [2]+86 p. il. 4° \*Paper, \$1.00 (S/N 0301 2249).
- 12017 70-43. South Dakota. [June 1971.] cover title, [2]+44 p. il. 4° \*Paper, 55c. (S/N 0301 2250).
- 12018 70-44. Tennessee. [June 1971.] cover title, [2]+119 p. il. 4° \*Paper, \$1.00 (S/N 0301 2251).
- 12019 70-49. Washington. [June 1971.] cover title, [2]+79 p. il. 4° \*Paper, 70c. (S/N 0301 2256).
- 12020 70-50. West Virginia. [June 1971.] cover title, [2]+71 p. il. 4° \*Paper, 60c. (S/N 0301 2257).
- 12021 70-51. Wisconsin. [June 1971.] cover title, [2]+121 p. il. 4° \*Paper, \$1.00 (S/N 0301 2258).
- 12022 County business patterns, 1970, publications order form. [May 1971.] [8] p. narrow 12° ([Form BC-2054]) † C 3.204: 970/ann.
- 12023 Current industrial reports: Asphalt and tar roofing and siding products, summary for 1970; [prepared in Industry Division]. June 22, 1971. 5 p. 4° (Series M29A(70)-13.) † Paper, 15c. • Item 142-A C 3.158: M 29 A(70)-13
- 12024 — Magnesium mill products, 1970. July 1, 1971. 3 p. 4° (Series MA-33G(70)-1.) † Paper, 25c. • Item 142-A C 3.158: MA-33 G(70)-1
- 12025 — Mattresses and bedsprings, summary for 1970; [prepared in Industry Division]. June 21, 1971. 5 p. 4° (Series M25E(70)-13.) † Paper, 15c. • Item 142-A C 3.158: M 25 E(70)-13
- 12026 — Particleboard, 1970; [prepared in Industry Division]. June 22, 1971. 4 p. 4° (Series MA-24L(70)-1.) † Paper, 25c. • Item 142-A C 3.158: MA-24 L(70)-1
- 12027 — Rubber, supply and distribution for United States, summary for 1970; [prepared in Industry Division]. June 28, 1971. 6 p. 4° (Series M30A(70)-13.) † Paper, 15c. • Item 142-A C 3.158: M 30 A(70)-13
- 12028 — Sheets, pillowcases, and towels, 1970; [prepared in Industry Division]. June 29, 1971. 6 p. 4° (Series MA-23X(70)-1.) † Paper, 25c. • Item 142-A C 3.158: MA-23 X(70)-1
- 12029 — Typewriters, summary for 1970, revised to include table 2B; [prepared in Industry Division]. May 6, 1971. 6 p. 4° (Series M35C(70)-14.) † Paper, 15c. • Item 142-A C 3.158: M 35 C(70)-14
- Current population reports: Series P-20, Population characteristics. \*Paper, \$14.00 (including Series P-20, P-23, P-25, P-26, P-27, P-28 summaries, P-60, and P-65 for one year), \$3.50 additional for foreign mailing; single copy, prices vary. • Item 142-C C 3.186: P-20/(nos.)
- 12030 215. School enrollment in United States, 1970 (advance data, Oct. 1970 survey). Mar. 5, 1971. 2 p. 4° \*Paper, 5c.
- 12031 222. School enrollment, Oct. 1970. [1971.] cover title, il+46 p. il. 4° ([Population Division.]) [Issued with perforations.] \*Paper, 55c

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# AUGUST 1971

- Current population reports: Series P-23, Special studies. \* Paper, \$14.00 (including Series P-20, P-23, P-25, P-26, P-27, P-28 summaries, P-60, and P-65 for one year), \$3.50 additional for foreign mailing; single copy price vary. • Item 142-C C3.186: P-23/(nos.)
- 12032 37. Social and economic characteristics of population in metropolitan and non-metropolitan areas, 1970 and 1960: [prepared by Mark S. Littman]. June 24, 1971. cover title, II+122 p. 4° ([Population Division.]) [Issued with perforations.] \* Paper, \$1.25. L.C. card 70-613626
- Current population reports: Series P-25, Population estimates. \* Paper, \$14.00, (including Series P-20, P-23, P-25, P-26, P-27, P-28 summaries, P-60, and P-65 for one year), \$3.50 additional for foreign mailing; single copy, prices vary. • Item 142-C C3.186: P-25/(nos.)
- 12033 451. Estimates of population of United States to Sept. 1, 1970. Oct. 20, 1970. 2 p. II. 4° \* Paper, 5c.
- 12034 461. Components of population change by county, 1960 to 1970. June 28, 1971. 75 p. 4° [Issued with perforations.] \* Paper, 60c.
- 12035 462. Estimates of population of United States to May 1, 1971. June 22, 1971. 2 p. II. 4° [Issued with perforations.] \* Paper, 5c.
- 12036 Guide to foreign trade statistics, 1971. June 1971. ix+182 p. II. 4° \* Paper, \$1.50 (S/N 0301-2276). • Item 146-A C3.6/2: F 76/971
- Quarterly tax reports GT 71 (series).
- 12037 1. Quarterly summary of State and local tax revenue, Jan.-Mar. 1971. June 1971. 8 p. II. 4° † Paper, 10c. • Item 146-E C3.145/6: 71/1
- Series ISP 3, New Florencia, case study for 1970 censuses of population and housing (International Statistical Training and Workshop Office.)
- 12038 No. 1-c. Unit 2. Administrative requirements and mapping: [prepared by Genevieve D. Welsh and others]. [1971.] cover title, v+171 p. II. 4° [Prepared under participating agency service agreement with Office of Population, Agency for International Development, Department of State. Text on p. 2 of cover.] † C3.205/3: 3/no.1-c
- 12039 Statistical training programs by Bureau of Census, population statistics and demographic analysis, sampling and survey methods, agricultural surveys and censuses, economic surveys and censuses, data processing, Sept. 1971-Aug. 1972. [1971.] cover title, [I]+25 p. 4° (International Statistical Programs.) [Conducted by Bureau of Census under Participating Agency Service Agreement for Agency for International Development, Department of State.] † • Item 146 C3.2: St 2/10
- 12040 U.S. foreign trade: FT 150-70 General imports, commodity by world area, annual 1970, schedule A groupings, world area and country, method of transportation. [June 1971.] cover title, x+327 p. 4° ([Foreign Trade Division.]) [Revised through Dec. 1970 statistics.] \* Paper, \$2.50 (S/N 0301 2271). • Item 144 C3.164: 150/970 L.C. card 70-4381
- 12041 — FT 155-70, General imports, world area by commodity groupings, annual 1970, world area and country schedule A groupings, method of transportation. [June 1971.] cover title, x+457 p. 4° ([Foreign Trade Division.]) \* Paper, \$3.25 (S/N 0301-2270). • Item 144 C3.164: 155/970 L.C. card 68-62861
- 12042 — FT 246-70, Imports TSUSA [Tariff Schedules of United States Annotated] commodity by country, annual 1970, Consumption and general quantity and values [by] country [1971.] cover title, vi+606 p. 4° ([Foreign Trade Division.]) [Revised through Dec. 1970 statistics.] \* Paper, \$5.25 (S/N 301-2273). • Item 144 C3.164: 246/970 L.C. card A65-7952
- 12043 — FT 450-70, Exports, commodity groupings by world area, annual 1970; schedule B groupings, world area and country, method of transportation [revised through Dec. 1970 statistics.] [June 1971.] cover title, xiv+380 p. 4° ([Foreign Trade Division.]) \* Paper, \$2.75 (S/N 0301 2275). • Item 144 C3.164: 450/970

♦For Sale by National Technical Information Service,  
Springfield, VA 22151  
•Sent to depository Libraries



## GOVERNMENT PUBLICATIONS

- 12044 U.S. foreign trade: FT 610-70, Exports [Standard industrial classification] SIC-based products, annual 1970, domestic merchandise, world area, quantity and value. [June 1971.] cover title, xii+604 p. 4° ([Foreign Trade Division.]) [Revised through Dec. 1970 statistics.] \* Paper, \$5.25. (S/N 0301 2278). • Item 144 C 3.104: 610/970

### CENTER FOR DISEASE CONTROL, Health, Education, and Welfare Dept., Atlanta, GA 30333

- 12045 Malaria surveillance, 1970 annual report [with list of references]. May 1971. [2]+24+[1] p. il. 4° [Issued with perforations.] †  
HE 20.2309/13: 970  
12046 Trichinosis surveillance, annual summary, 1970 [with bibliography]. May 1971. [2]+1+14+[1] p. il. 4° [Issued with perforation.] †  
HE 20.2309/12: 970

### CHILD DEVELOPMENT OFFICE, Health, Education, and Welfare Dept., Washington, DC 20201

- 12047 Guide and resources for community coordinated child care programs [with list of selected reference sources]. 1971. [140] p. 4° † HE 21.2: C 43

### CHILDREN'S BUREAU, Health, Education, and Welfare Dept., Washington, DC 20201

- 12048 Families for black children, search for adoptive parents, an experience survey [with list of notes and references; by] Elisabeth Herzog [and others]. [1971.] [3]+iii+79 p. 4° [Cooperative report of Division of Research and Evaluation, Children's Bureau, Office of Child Development, and Social Research Group, George Washington University.] \* Paper, 75c. (S/N 1791-0157). • Item 452 HE 21.102: F 21

#### Folder.

- 12049 40. Premature baby. [1971.]. [2]+8+[2] p. il. 12° \* Paper, 20c. (S/N 1791-0155). • Item 451 HE 21.111: 40

### CIVIL AERONAUTICS BOARD Washington, DC 20428

- 12050 Address by Robert D. Timm, Member, Civil Aeronautics Board, before spring quarterly regional meeting, Association of Local Transport Airlines (ALTA), Guadalajara, Mex., May 14, 1971. 1971. 11 p. 4° †  
C 31.215: T 48/2

### CIVIL DEFENSE OFFICE (Army), Defense Dept., Washington, DC 20310

- 12051 Federal civil defense guide: pt. E, chap. 2, app. 3, Emergency operations reporting. May 1971. [2]+2 p. 4° [Issued in looseleaf form. Supersedes FCDG appendix E-2-3, EOC reporting procedures, Sept. 1966.] †  
• Item 320-B-3 D 119.8/4: pt.E/chap.2/app.3/971  
[Leaflet] L. (series). † • Item 857-D-5 D 119.13: (nos.)  
12052 72. Our environment, forces which threaten it. [Nov. 1970.] [8] p. il. narrow 8°, folded into oblong 48" [Illustrations are colored.]  
12053 74. Labor's role in civil preparedness. May 1971. [6] p. il. narrow 8°

### CIVIL RIGHTS COMMISSION Washington, DC 20425

#### Clearinghouse publications. • Item 288-A CR 1.10: (nos.)

- 12054 25. Who will wear the badge? study of minority recruitment efforts in protective services, report of Commission on Civil Rights; by Richard J. Margolis. [1971.] [2]+33 p. il. \* Paper, 30c. (S/N 0500-0062).  
L.C. card 70-613651  
12055 20. System can work, case study in contract compliance. [1971.] [29] p. 4°  
\* Paper, 35c.

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

AUGUST 1971

CIVIL SERVICE COMMISSION  
Washington, DC 20415

- 12056 Announcing career opportunities for office assistant and related positions, GS-2, GS-3, GS-4, announcement WAO-102. Apr. 1971. 8 p. 4" (Washington Area Office.) [No closing date.] † • Item 292  
CS 1.26/4: 971/WAO-102
- 12057 Border patrol agent (GS-7), announcement WAM-911, amendment 1. June 30, 1971. 1 p. oblong 48" †  
CS 1.26/4: 969/WAM-911/rev.-2/amdt.1
- 12058 Careers for industrial hygienists in Federal Service, GS-5 through GS-13, announcement 230. Revised Feb. 1971. May 17, 1971. [4] p. 4" [Apply to U.S. Civil Service Commission, Washington area office, 1900 E St., Washington, D.C. 20415. Open until further notice.] † • Item 292  
CS 1.26: 960/230/rev.
- 12059 Catalog of Interagency training programs, 1971-72. [1971.] xvi+280 p. (Pamphlet T-9; Bureau of Training.) • Paper, \$1.50. • Item 296-A  
CS 1.65: 971-72
- 12060 Coordinator's scoreboard, v. 2, no. 2. June 1971. [4] p. 11. 4" ([Public Policy Employment Programs, Office of Manpower Sources Division, Bureau of Recruiting and Examining.]) † • Item 291-B  
CS 1.75: 2-2
- Fed facts.
- 12061 1. On incentive awards program. [May 1971.] [6] p. 11. narrow 8" • Paper, \$5.00 per 100; single copy, 16c. • Item 293-A  
CS 1.59: 1/8
- 12062 Federal labor-management consultant; [David S. Dickinson, editor]. (Office of Labor-Management Relations.) [Biweekly.] • Paper, \$1.00 a yr., 25c. additional for foreign mailing. • Item 293-D  
CS 1.80: (nos.)  
No. 71-1— June 11, 1971—
- 12063 Management development program for organizational improvement. [1971.] [8] p. 11. (General Management Training Center.) † • Item 295  
CS 1.2: M 31/8
- Pamphlet.
- 12064 T-5. Agency training centers for government employees. Revised edition, FY 1972. 1971. iii+104 p. (Bureau of Training, Agency Support Division.) • Paper, \$1.00. (S/N 0600-0649). • Item 299  
CS 1.45: T-5/4
- 12065 Position classification standard for electrical engineering series, GS-850, electronics engineering series, GS-855. Feb. 1971. cover title, [1]+29 p. (TS-3; Bureau of Policies and Standards.) [Issued with perforations. Supersedes GS-850, June 1958, and GS-855, Aug. 1959.] †  
CS 1.39/a: GS-850, 855
- 12066 Position classification standard for packaging series, GS-2032. Feb. 1971. cover title, 13 p. (TS-3; Bureau of Policies and Standards.) [Issued with perforations. Supersedes GS-2032, Dec. 1954.] †  
CS 1.39/a: GS-2032
- 12067 State salary ranges of selected classes of positions in employment security-public welfare-public health, mental health-civil defense, vocational rehabilitation; [prepared by] Bureau of Intergovernmental Personnel Programs. Jan. 1, 1971. viii+42 p. 4" †  
CS 1.81: 971
- 12068 Union recognition in Federal Government, statistical report and listings by agency of formal and exclusive recognitions and agreements under Executive order 11491, as of Nov. 1970. [1971.] 454 p. oblong 12" (Office of Labor-Management Relations.) • Paper, \$3.50. (S/N 0600-0550). • Item 295  
L.C. card 70-613643  
CS 1.2: Un 3/2/970

♦For Sale by National Technical Information Service,  
Springfield, VA 22151  
•Sent to depository Libraries

Page 13

# GOVERNMENT PUBLICATIONS

## COAST GUARD, Transportation Dept. Washington, DC 20591

- 12069 1971/72 counselor's handbook with profile for advising students applying for appointment. [1971.] cover title, iv+27 p. (CG-147-3.) † • Item 984-A TD 5.8: C 83/3/971-72
- 12070 Courtesy examiners handbook, Amendment 1. Apr. 14, 1971. [71] p. (CG-289.) [Issued in looseleaf form.] † • Item 934-A TD 5.8: C 83/2/amdt.1
- 12071 Light list: v. 4, Great Lakes, United States and Canada, 9th Coast Guard District, corrected to Mar. 1, 1971. 1971. xxii+193+[4] p. ll. 4° (CG-159.) [Publication contains lists of lights, buoys, daybeacons, and radio beacons. Some illustrations are colored. Map on p. 2 of cover.] • Paper, \$2.00 (S/N 5012-0021). • Item 937 TD 5.9: v.4/971
- 12072 — v. 5, Mississippi River system of United States, 2d Coast Guard district; corrected to Jan. 1, 1971. 1971. xviii+322+[4] p. ll. 4° (CG-161.) [Publication contains list of lights, fog signals, buoys, and daybeacons; also aids to navigation on intra-coastal waterway. Some illustrations are colored.] • Paper, \$2.75. • Item 939 TD 5.9: v.5/971
- Ocean engineering report. (Ocean Engineering Division, Office of Engineering.)
- 12073 17E. Initial cost of buoys. [Apr. 20, 1971.] cover title, [1]+47+3 p. ll. 4° (CG-250-17E.) [Cancels CG-250-17D, Dec. 13, 1968. Issued with perforations.] † TD 5.22: 17 E
- 12074 Ocean engineering technical manual: Jered model EHLT-30 hydrographic winch. [Feb. 23, 1971.] cover title, [107] p. ll. 4° (CG-417-1.) [Formerly TP 1733. Issued with perforations. Contract TCG-02-052-A dated Jan. 24, 1964.] † TD 5.26: H 99
- Office of Research and Development: Project [reports]. TD 5.25: (nos.)
- 12075 712102/009. Some properties of flashes produced by scintillating xenon arc flash tube (with list of references); by Robert Bates. 1970. vii+67 leaves ll. 4° [Prepared at Institute of Optics, University of Rochester, Rochester, N.Y.] †
- 12076 714102/A/008. Studies of oil retention boom hydrodynamics, final report [with list of references; by] W. T. Lindenmuth, E. R. Miller, Jr. [and] C. C. Hsu. Dec. 1970. cover title, [5]+vi+79 p. ll. 33 pl. 4° [Prepared under contract DOT-CG-0054-A by Hydronautics Incorporated, Laurel, Md.] †
- 12077 714103/A/001. Investigation of use of vortex flow to separate oil from oil-water mixture, final report, [with list of references; by] Arthur E. Mensing [and others]. Nov. 1970. [3]+vi+44+[2] p. 40 p. of pl. 4° [Prepared under contract DOT-CG-00546-A by United Aircraft Research Laboratories, East Hartford, Conn. Issued with perforations.] • Paper, \$3.00.
- 12078 714103/A/003. Free vortex recovery of floating oil, concept feasibility study, final report; [by] Paul G. Mikolaj, Eugene B. Nebeker, [and] Sergio E. Rodriguez. Sept. 1970. cover title, [3]+ix+103+[2] p. ll. 4° [Prepared under contract DOT-CG-00564-A by Scientific Associates, Inc., Santa Monica, Calif. Issued with perforations.] • Paper, \$3.00.
- 12079 714103/A/006. Engineering feasibility study of Bishop system for open ocean oil spills, final report. Nov. 1970. cover title, [9]+89+[2] p. ll. 7 pl. 4° [Prepared under contract DOT-CG-00286-A by W. R. Bishop & Associates, San Francisco, Calif. Issued with perforations.] • Paper, \$3.00.
- 12080 714108/A/001,002. Study of behavior of oil spills in Arctic, final report [with list of references]; by John L. Glaeser and George P. Vance. Feb. 1971. cover title, [7]+46+[10] p. ll. 4° • Paper, \$3.00
- 12081 714122/100. Shore evaluation of proprietary 10-20 man waste treatment system designed for shipboard use; by C. L. Schaller and T. S. Scarabo. Feb. 1971. cover title, [6]+8+[12] p. ll. 4° [Contract CG-94,208-A. Issued with perforations.] • Paper, \$3.00.

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available



AUGUST 1971

COMMERCE DEPARTMENT  
Washington, DC 20230

Note.—Requests to the Commerce Department for publications should give the full title and the date of the publication. Do not include Monthly Catalog entry numbers or Superintendent of Documents classification numbers which should be used only when ordering from the Superintendent of Documents.

- 12082 Address by Maurice H. Stans, Secretary of Commerce, prepared for delivery before 15th biennial convention of Seafarers International Union of North America, Washington, D.C., June 21, 1971. [2]+14 p. 4° † C 1.18: St 2/72
- 12083 Address by Maurice H. Stans, Secretary of Commerce, prepared for delivery before Greater Anchorage Chamber of Commerce, Anchorage, Alaska, July 6, 1971. 1971. 15 p. 4° † C 1.18: St 2/71
- 12084 Address by Maurice H. Stans, Secretary of Commerce, prepared for delivery before 20th annual Symposium of Federal Government Accountants Association, Washington, D.C., June 28, 1971. [1971.] 13 p. 4° † C 1.18: St 2/60
- 12085 Address by Maurice H. Stans, Secretary of Commerce, prepared for delivery before 90th annual meeting of Manufacturing Chemists Association, White Sulphur Springs, W. Va., June 10, 1971. 1971. 17 p. 4° † C 1.18: St 2/68
- 12086 Address by Robert McLellan, Assistant Secretary of Commerce for Domestic and International Business, prepared for delivery before Far East-American Council of Commerce and Industry, Inc., New York City, N.Y., July 14, 1971. 1971. 16 p. 4° † C 1.18: M 22/24
- 12087 Address by Robert McLellan, Assistant Secretary of Commerce for Domestic and International Business, Department of Commerce, prepared for delivery to International Conference of Bureau International de la Recuperation, New York, N.Y. June 15, 1971. 1971. 13 p. 4° † C 1.18: M 22/23
- 12088 Address by Under Secretary of Commerce, James T. Lynn, prepared for delivery before Conferences for Corporation Executives, School of Advanced International Studies, Johns Hopkins University in cooperation with International Management and Development Institute, Washington, D.C., June 16, 1971. 1971. 16 p. 4° † C 1.18: L 99/8
- 12089 Case for technology, address by James T. Lynn, Under Secretary of Commerce, delivered before forum of City Club of Cleveland, Cleveland, Ohio, June 25, 1971. [1971.] 14 p. 4° † C 1.18: L 99/7
- 12090 Economy and economic policy in 1971, address by Harold C. Passer, Assistant Secretary of Commerce for Economic Affairs, prepared for delivery at luncheon meeting of Annual Forecasting Conference, Palmer House, Chicago, Ill., June 10, 1971. 1971. 13 p. 4° † C 1.18: P 26/23
- 12091 Government's role in wage and price determination, remarks by Edgar R. Fiedler, Deputy Assistant Secretary of Commerce for Economic Affairs, prepared for delivery to American Management Association, Dallas, Tex., June 7, 1971. 1971. 8 p. 4° † C 1.18: F 45/4
- 12092 Outlook for residential construction, summary of remarks by Harold C. Passer, Assistant Secretary of Commerce for Economic Affairs, prepared for delivery at Forest Industries Marketing Conference, University of Oregon, Eugene, Oreg., June 17, 1971. 1971. 7 p. 4° † C 1.18: P 26/24
- Overseas business reports OBR (series). [Issued irregularly.] \* Paper, \$16.00 a yr., \$5.00 additional for foreign mailing; single copy, 15c. (1-3 yr. subs.). • Item 231-B C 1.50: (nos.)
- 12093 71-011. Foreign trade regulations of Japan: prepared by Far East Division. Apr. 1971. 10 p. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 65-11.]

• For Sale by National Technical Information Service,  
Springfield, VA 22151

• Sent to depository Libraries

Page 15

# GOVERNMENT PUBLICATIONS

## Overseas business reports OBR (series)—Continued

- 12094 71-013. Foreign trade regulations of Taiwan; prepared in Far East Division, Office of International Commercial Relations. June 1971. 10 p. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 64-89.]
- 12095 71-015. Foreign trade regulations of Uruguay; prepared by Allison Todd McClure. June 1971. 8 p. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 68-79.]
- 12096 71-018. Selling in Ivory Coast [with bibliography]; prepared by Wallace F. Holbrook. June 1971. 15 p. 4° (Bureau of International Commerce.) [Issued with perforations.]
- 12097 Remarks by Maurice H. Stans, United States Secretary of Commerce prepared for delivery before National convention of National Association for the Advancement of Colored People, Minneapolis, Minn., July 5, 1971. 1971. 9 p. 4° † C 1.18: St 2/70
- 12098 Role of trademarks in changing world, remarks by James H. Wakelin, Jr., Assistant Secretary of Commerce for Science and Technology at National conference on 25th anniversary of Lanham act (Trademark act of 1946). Washington, D.C., June 17, 1971. [1971.] 7 p. 4° † C 1.18: W 13/3
- Telecommunications research report OT/ITSRR (series). (Office of Telecommunications, Institute for Telecommunication Sciences, Boulder, Colo.) ● Item 126-D-1 C 1.60: (nos.)
- 12099 11. Wave hop propagation program for anisotropic ionosphere [with list of references; by] L. A. Berry [and] J. E. Herman. Apr. 1971. iv+93 p. il. 4° \* Paper, \$1.00. (S/N 0300-0316).
- 12100 12. Hourly probability of world-wide thunderstorm occurrence [with list of references; by] W. Q. Crichtow [and others]. Apr. 1971. iii+106 p. il. 4° \* Paper, \$1.00. (S/N 0300-0317).

## COMMUNITY HEALTH SERVICE, Health, Education, and Welfare Dept., Washington, DC 20201

- 12101 Comprehensive health planning, fact sheet, comprehensive health services. 1971. [2] p. oblong 8° folded into narrow 8° size \* Paper, \$5.00 per 100; single copy, 10c. ● Item 512-E-1 HE 20.2552: C 73/971

## COMMUNITY SERVICES ADMINISTRATION, Health, Education, and Welfare Dept., Washington, DC 20201

- 12102 Differential use of staff in family and child welfare services with particular reference to subprofessional staff, guide [with bibliography]. 1970 [published 1971]. x+141 p. 4° [Prepared in cooperation with Office of Child Development.] † ● Item 532-B-3 HE 17.708: St 1
- 12103 Federal assistance and services for individuals and families during natural disasters. [1971.] cover title, [1]+9 p. 4° † ● Item 532-B-1 HE 17.702: F 31

## CONGRESS

Congressional record, proceedings and debates of 91st Congress, 2d session, v. 116. [Permanent edition.] 1970. ● Item 993 L.C. card 12-36438 X.91/2: 116/pt. (nos.)

NOTE.—In the permanent bound edition, the paging differs from that of the daily numbers, the text being revised, rearranged, and printed without break.

- 12104 pt. 4. Feb. 20-Mar. 2, 1970. [1]+4247-5596 p. 4° \* Cloth, \$6.25.
- 12105 pt. 5. Mar. 3-11, 1970. [1]+5597-7070 p. 4° \* Cloth, \$6.75.
- 12106 pt. 6. Mar. 12-20, 1970. [1]+7071-8494 p. 4° \* Cloth, \$6.50.

## Joint resolution, 92d Congress.

- 12107 S.J. Res. 7. Proposing amendment to Constitution of United States extending right to vote to citizens 18 years of age or older. [1971.] 2 p. \* Paper, 5c. ● Item 575 91-1: S.J. Res.
- 12108 Memorial services held in House of Representatives and Senate of United States, together with tributes presented in eulogy of L. Mendel Rivers, late representative from South Carolina, 91st Congress, 2d session. 1971. ix+[1]+200 p. 1 por. † ● Item 1005 L.C. card 71-612152 Y 7.1: R 524

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 12109 Memorial services held in House of Representatives and Senate of United States, together with tributes presented in eulogy of William L. Dawson, late Representative from Illinois, 91st Congress, 2d session. 1971. v+[1] +74 p. 1 por. † • Item 1005  
L.C. card 74-613584 Y 7.1: D 323

- 12110 United States code, containing general and permanent laws of United States, in force on Jan. 20, 1971; prepared by Committee on the Judiciary, House of Representatives. 1970 edition. 1971. • Item 991  
Y 4.J 89/1: Un 3/3/970/v.3

v. 3. Title 12, Banks and banking to title 15, Commerce and trade. xxvi+2253-3465 p. large 8° • Fabrikoid, \$10.00 (S/N 5270-1068).

### Congressional serial set

NOTE.—During each session of Congress the House and Senate documents and reports are accumulated into bound volumes comprising the Congressional serial set. No catalog entry is made for the volumes of the Serial set since the documents and reports contained therein have been previously listed in the Monthly Catalog.  
The following bound volumes were sent to depository libraries during the period of this catalog:

#### 12111 House documents:

- no. 439, 91st Congress, 2d session, Manual and rules of House of Representatives, 92d Congress [Serial 12901]. • Item 1029  
no. 64, pt. 3, 92d Congress, 1st session, Institutional investor study report, vol. 3 [Serial 12947-3]. • Item 995-G  
no. 64, pt. 4, 92d Congress, 1st session, Institutional investor study report, vol. 4 [Serial 12947-4]. • Item 995-G  
no. 64, pt. 5, 92d Congress, 1st session, Institutional investor study report, vol. 5 [Serial 12947-5]. • Item 995-G  
no. 64, pt. 7, 92d Congress, 1st session, Institutional investor study report, Supp. vol. 2 [Serial 12947-7]. • Item 995-G  
no. 64, pt. 8, 92d Congress, 1st session, Institutional investor study report, summary [Serial 12947-8]. • Item 995-G

#### 12112 Senate report:

- no. 1509, 91st Congress, 2d session, 20th annual report Joint Committee on Defense Production [Serial 12883-7]. • Item 1007-A

### Laws

NOTE.—The Federal laws are first published separately and in this form are known as "slip laws". Later, these laws are compiled, edited, indexed, and published in the volumes of the Statutes at large.

Private laws, 92d Congress. † House or Senate Document Rooms, Capitol.

- 12113 1. H.R. 7500, act to provide for placement of Keith B. McCutcheon, Marine Corps, when retired, on retired list in grade of general. Approved May 21, 1971. 1 p.  
12114 2. H.R. 1890, act for relief of Robert F. Cheatwood, Walter R. Cotton, Kenneth Greene, Kenneth L. March, Ernest Levy, and estate of Charles J. Hiller. Approved June 30, 1971. 1 p.

Public laws, 92d Congress. • Item 575

NOTE.—Public laws in slip form in the first prints may be obtained from the Superintendent of Documents, Washington, DC 20402, at a subscription price of \$20.00 per session, \$5.00 additional for foreign mailing; single copies vary in price.

- 12115 10. S. 789, act to amend tobacco marketing quota provisions of Agricultural adjustment act of 1938, as amended. [Approved Apr. 14, 1971.] 5 p. • Paper, 10c.  
12116 18. H.R. 8190, act making supplemental appropriations for fiscal year 1971, and for other purposes. [Approved May 25, 1971.] 34 p. • Paper, 20c.  
12117 27. H.R. 6359, act to amend Water resources planning act to authorize increased appropriations. Approved June 17, 1971. 1 p. • Paper, 5c.  
12118 28. S. 557, act to amend Wagner-O'Day act to extend its provisions relating to Government procurement of commodities produced by the blind, to commodities produced by other severely handicapped individuals, and for other purposes. [Approved June 23, 1971.] 5 p. • Paper, 10c.  
12119 29. H.R. 4353, act to provide for disposition of funds appropriated to pay judgments in favor of Iowa Tribe[s] of Oklahoma and of Kansas and Nebraska in Indian Claims Commission dockets numbered 79-A, 153, 158, 209, and 231, and for other purposes. Approved June 23, 1971. 1 p. • Paper, 5c.

✶For Sale by National Technical Information Service,  
Springfield, VA 22151

✶Sent to depository Libraries

## GOVERNMENT PUBLICATIONS

### Public laws, 92d Congress—Continued

- 12120 30. H.R. 1444, act to provide for disposition of funds appropriated to pay judgments in favor of Snohomish Tribe in Indian Claims Commission docket numbered 125, Upper Skagit Tribe in Indian Claims Commission docket numbered 92, and Snoqualmie and Skykomish Tribes in Indian Claims Commission docket numbered 93, and for other purposes. [Approved June 23, 1971.] 2 p. \* Paper, 5c.
- 12121 31. S. 1732, act to amend and extend provisions of Juvenile Delinquency Prevention and Control Act of 1968, and for other purposes. [Approved June 30, 1971.] 2 p. \* Paper, 5c.
- 12122 32. H.R. 5257, act to extend school breakfast and special food programs. [Approved June 30, 1971.] 2 p. \* Paper, 5c.
- 12123 33. S. 1538, act to amend joint resolution establishing American Revolution Bicentennial Commission as amended. Approved June 30, 1971. 1 p. \* Paper, 5c.
- 12124 35. H.J. Res. 744, joint resolution making appropriation for fiscal year 1972 for Department of Agriculture, and for other purposes. Approved June 30, 1971. 1 p. \* Paper, 5c.
- 12125 36. H.R. 1729, act giving consent of Congress to addition of land to Texas, and ceding jurisdiction to Texas over certain parcel or tract of land heretofore acquired by United States from United Mexican States. Approved June 30, 1971. 1 p. \* Paper, 5c.
- 12126 37. S.J. Res. 118, joint resolution to provide temporary extension of authority conferred by Export administration act of 1969. Approved June 30, 1971. 1 p. \* Paper, 5c.
- 12127 40. H.R. 8313, act to amend Social Security act in order to continue for 2 years temporary assistance program for United States citizens returned from abroad. Approved July 1, 1971. 1 p. \* Paper, 5c.
- 12128 42. H.R. 1161, act to amend section 402 of Agricultural trade development and assistance act of 1954, as amended, in order to remove certain restrictions against domestic wine under title 1 of such act. Approved July 1, 1971. 1 p. \* Paper, 5c.
- 12129 44. H.R. 7767, act to continue until close of June 30, 1973, the existing suspension of duties for metal scrap. Approved July 2, 1971. 1 p. \* Paper, 5c.
- 12130 45. S. 1700, act to amend section 14(b) of Federal Reserve act as amended, to extend for two years the authority of Federal Reserve banks to purchase United States obligations directly from the Treasury. Approved July 2, 1971. 1 p. \* Paper, 5c.
- 12131 46. H.R. 6444, act to amend Railroad retirement act of 1937 to provide 10 per centum increase in annuities. [Approved July 2, 1971.] 2 p. \* Paper, 5c.

### ATOMIC ENERGY JOINT COMMITTEE

Washington, DC 20515

- 12132 AEC authorizing legislation, fiscal year 1972, hearings, 92d Congress, 1st session. ● Item 909  
L.C. card 70-613616 Y 4.At 7/2: L 52/972/pt. (nos.)
- pt. 1. General statement, Hanford reactors, and environmental program, Feb. 3-Mar. 2, 1971. 1971. vii+1-508 p. il. \* Paper, \$2.25.
- pt. 2. Civilian nuclear power program, Mar. 4, 1971. 1971. viii+509-1193 p. il. \* Paper, \$3.00.
- pt. 3. Mar. 9-17, 1971 [with bibliographies]. 1971. ix+1191-2235+iv p. il. \* Paper, \$4.25.
- pt. 4. Nuclear materials, peaceful uses of atomic energy (Plowshare), weapons, biology and medicine, training, education, and information, isotopes development, community, regulation, program direction and administration, security investigations, and amendments to AEC authorization bill, Mar. 18-May 13, 1971. 1971. x+2237-3311+iv p. il. \* Paper, \$4.25.

### ECONOMIC JOINT COMMITTEE

Washington, DC 20510

- 12133 1971 economic report of the President, hearings, 92d Congress, 1st session.  
pt. 3. Invited comments. 1971. iii+633-848 p. il. \* Paper, \$1.00. ● Item 1000  
L.C. card 78-612344 Y 4.Ec 7: Ec 7/2/971/pt.3

### HOUSE OF REPRESENTATIVES

Washington, DC 20515

#### House documents

NOTE.—All House documents, entries for which are followed by a †, may be obtained from the House Document Room or from the issuing office.

House documents, 91st Congress.

- 12134 438. Prayers offered by Chaplain Edward Gardiner Latch at opening of daily sessions of House of Representatives during 89th, 90th, and 91st Congresses, 1966-71. 1971. x+228 p. 1 por. † (To be sent to depository libraries in Serial set binding.)

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

House documents, 92d Congress.

- 12135 18. 37th annual report, 1969-70, Farm Credit Administration [and] Cooperative Farm Credit System. [1971.] viii+125 p. il. \* (Available in departmental edition. Paper, 60c. FCA 1.1:970, and sent to depositories in that form. See Entry no. 12814.)
- 12136 51. Audit of Federal Deposit Insurance Corporation, year ended June 30, 1970, letter from Comptroller General transmitting report; Feb. 18, 1971. [1971.] vi+30 p. 4°. [Limited by Agency restriction on access to bank examination records.] † ● Item 996
- 12137 65. [61st] Annual report to Congress, Boy Scouts of America, [1970]. [1971.] cover title, vi+166 p. il. [Text and illustrations on p. 1-3 of cover.] \* Paper, 70c. (To be sent to depository libraries in serial set binding.)
- 12138 87. 1971 annual report of Board of Trustees of Federal Hospital Insurance Trust Fund; Apr. 15, 1971. 1971. v+30 p. † ● Item 996
- 12139 91. Health research facilities construction program, message from President of United States transmitting 14th annual report for fiscal year 1969; Apr. 20, 1971. 1971. viii+69 p. il. [Prepared in consultation with National Advisory Council on Health Research Facilities.] † ● Item 996
- 12140 98. 5th annual report, Equal Employment Opportunity Commission, [fiscal year 1970]. [1971.] cover title, [4]+90 p. il. oblong 12°. [Text on p. 2-3 of cover.] \* (Available in departmental edition, \$1.00, Y 3.Eq 2:1/970, and sent to depository libraries in that form. See Entry no. 12612.)
- 12141 105. Tybee Island, Ga., letter from chief of engineers, Army, submitting report; May 5, 1971. [1971.] xiii+66 p. 1 pl. 4°. [Also issued in departmental edition and sent to depositories in that form. See Entry no. 12596.] †
- 12142 107. Examination of financial statements pertaining to insurance operations of Federal Housing Administration fiscal year 1970, letter from Comptroller General transmitting report; May 7, 1971. 1971. vii+39 p. 4°. † ● Item 996
- 12143 111. Office of Economic Opportunity, annual report, fiscal years 1969-70. [1971.] vii+[1]+83 p. il. 4°. [Also issued in departmental edition and sent to depositories in that form. See Entry no. 12556.] †
- 12144 113. Radiation control for health and safety act of 1968, message from President of United States transmitting annual report on administration of radiation control for health and safety act of 1968; May 20, 1971. 1971. v+117 p. † ● Item 996
- 12145 124. Report of proceedings of Judicial Conference of United States, Mar. 15-16, 1971. 1971. vi+34 p. [Also issued in departmental edition and sent to depositories in that form. See Entry no. 11859.] †
- 12146 125. Report on medicare, 3d annual report on operation of Medicare program, pursuant to sec. 1875(b) of Social Security act, communication from Secretary of Health, Education, and Welfare transmitting report; June 14, 1971. 1971. iv+37 p. 4°. † ● Item 996
- 12147 129. Examination of financial statements of Government National Mortgage Association for fiscal year 1970, letter from Comptroller General transmitting report; June 15, 1971. [1971.] vii+47 p. 4°. † ● Item 996

House reports

NOTE.—For titles of bills which these reports accompany, see Congressional record index.

House reports on private bills, 92d Congress. † House Document Room, Capitol. ● Item 1008-B

- 12148 284. Esther Catherine Milner. Report from Committee on Judiciary to accompany S. 145. June 18, 1971. 8 p.
- 12149 285. Maria Grazia Iaccarino. Report from Committee on Judiciary to accompany S. 566. June 18, 1971. 7 p.
- 12150 286. Nicholas Demitrios Apostolakis. Report from Committee on Judiciary to accompany S. 672. June 18, 1971. 6 p.
- 12151 287. Dah Mi Kim. Report from Committee on Judiciary to accompany H.R. 1962. June 18, 1971. 4 p.
- 12152 291. Park Ok Soo and Noh Mi Ok. Report from Committee on Judiciary to accompany H.R. 2087. June 21, 1971. 5 p.
- 12153 292. Jose Bettencourt de Simas. Report from Committee on Judiciary to accompany H.R. 2107. June 21, 1971. 5 p.
- 12154 293. In Kyong Yi. Report from Committee on Judiciary to accompany H.R. 2803. June 21, 1971. 5 p.
- 12155 294. Min Kyung Sook and Min Kyung Jo. Report from Committee on Judiciary to accompany H.R. 3539. June 21, 1971. 5 p.
- 12156 295. Mrs. Carmen Prado. Report from Committee on Judiciary to accompany H.R. 6108. June 21, 1971. 5 p.
- 12157 321. Tax exemption for property of Supreme Council of Scottish Rite of Freemasonry. Report from Committee on District of Columbia to accompany H.R. 7718. June 30, 1971. 5 p.

House reports on public bills, 92d Congress. † House Document Room, Capitol. ● Item 1008-A

- 12158 147. Providing for disposition of judgment funds in favor of Grand River Band of Ottawa Indians. Report from Committee on Interior and Insular Affairs to accompany H.R. 1100. Apr. 22, 1971. 17 p. il.

✦For Sale by National Technical Information Service, Springfield, VA 22151

●Sent to depository Libraries



# GOVERNMENT PUBLICATIONS

## House reports on public bill, 92d Congress—Continued

- 12159 184. Improved manpower management in Federal Government, examples for period July through Dec. 1970. Subcommittee on Manpower and Civil Service of Committee on Post Office and Civil Service, 92d Congress, 1st session; May 6, 1971. 1971. ix+24 p.
- 12160 186. Amendment of sec. 715 of title 32, United States Code, to authorize application of local law in determining effect of contributory negligence on claims involving members of National Guard. Report from Committee on Judiciary to accompany H.R. 7616. May 6, 1971. 5 p.
- 12161 194. Liberalization of eligibility for cost-of-living increases in civil service retirement annuities. Report together with supplemental views from Committee on Post Office and Civil Service to accompany H.R. 7964. May 11, 1971. 15 p.
- 12162 195. To amend titles 5, 10, and 32, United States Code, to authorize waiver of claims of United States arising out of certain erroneous payments, and for other purposes. Report from Committee on Judiciary to accompany H.R. 7614. May 11, 1971. 10 p.
- 12163 197. Amending Water resources planning act to authorize increased appropriations. Report from Committee on Interior and Insular Affairs to accompany H.R. 6359. May 12, 1971. 4 p.
- 12164 211. Providing for printing of report entitled Investigation and hearing of abuses in Federal low- and moderate-income housing programs. Report from Committee on House Administration to accompany H. Con. Res. 103. May 19, 1971. 1 p.
- 12165 212. To authorize printing of Veterans' benefits calculator. Report from Committee on House Administration to accompany H. Con. Res. 120. May 19, 1971. 1 p.
- 12166 213. To reprint brochure entitled How our laws are made. Report from Committee on House Administration to accompany H. Con. Res. 206. May 19, 1971. 1 p.
- 12167 214. Authorizing certain printing for Committee on Veterans' Affairs. Report from Committee on House Administration to accompany H. Con. Res. 242. May 19, 1971. 1 p.
- 12168 215. Pertaining to printing of additional copies of pt. 1 of hearings before Subcommittee on Criminal Laws and Procedures of Committee on Judiciary. Report from Committee on House Administration to accompany S. Con. Res. 15. May 19, 1971. 1 p.
- 12169 216. Authorizing printing of additional copies of Senate report 91-1548, entitled, Economics of aging, towards a full share in abundance. Report from Committee on House Administration to accompany S. Con. Res. 18. May 19, 1971. 1 p.
- 12170 217. Creating Select Committee of House to conduct full and complete investigations of all aspects of energy resources of United States. Report from Committee on Rules to accompany H. Res. 155. May 19, 1971. 1 p.
- 12171 218. Establishing Select Committee on Privacy, Human Values, and Democratic Institutions. Report from Committee on Rules to accompany H. Res. 164. May 19, 1971. 1 p.
- 12172 219. Authorizing Committee on Post Office and Civil Service to conduct studies and investigations within its jurisdiction. Report from Committee on Rules to accompany H. Res. 415. May 19, 1971. 1 p.
- 12173 224. Repealing certain sections of code with respect to pilot rating requirements for members of Armed Forces, and inserting new section. Report from Committee on Armed Services to accompany H.R. 7950. May 25, 1971. 8 p.
- 12174 233. State and local law enforcement in national forests. Report from Committee on Agriculture to accompany H.R. 3146. June 1, 1971. 5 p.
- 12175 234. Continuation of assistance program for U.S. citizens returned from abroad. Report from Committee on Ways and Means to accompany H.R. 8313. June 1, 1971. 3 p.
- 12176 235. Renegotiation amendments of 1971. Report from Committee on Ways and Means to accompany H.R. 8311. June 1, 1971. 18 p.
- 12177 236. Legislative branch appropriation bill. 1972. Report from Committee on Appropriations to accompany H.R. 8825. June 1, 1971. 32 p.
- 12178 237. Public works acceleration act. Public works and economic development act. Appalachian regional development act extensions. Conference report to accompany S. 575. June 2, 1971. 22 p.
- 12179 238. Equal employment opportunity enforcement act of 1971. Report together with minority and separate views from Committee on Education and Labor to accompany H.R. 1746. June 2, 1971. 71 p.
- 12180 239. Extension of temporary duty suspension on certain classifications of yarn of silk. Report from Committee on Ways and Means to accompany H.R. 1680. June 2, 1971. 3 p.
- 12181 240. Elimination of duty on aluminum hydroxide and oxide, calcined bauxite, and bauxite ore. Report from Committee on Ways and Means to accompany H.R. 4590. June 2, 1971. 4 p.
- 12182 241. Continuation of temporary duty suspension on certain metal scrap. Report from Committee on Ways and Means to accompany H.R. 7767. June 2, 1971. 4 p.
- 12183 242. Continuation of International coffee agreement act of 1968. Report from Committee on Ways and Means to accompany H.R. 8293. June 2, 1971. 14 p.
- 12184 243. Duty-free status of certain gifts from servicemen in combat zones. Report from Committee on Ways and Means to accompany H.R. 8312. June 2, 1971. 2 p.

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# AUGUST 1971

- 12185 244. Creating additional positions on U.S. Capitol police force for duty under House of Representatives and providing system of overtime pay for U.S. Capitol police under the House. Report from Committee on House Administration to accompany H. Res. 449. June 2, 1971. 2 p. [Reported with amendment.]
- 12186 245. Sugar act amendments of 1971. Report together with individual views and dissenting views from Committee on Agriculture to accompany H.R. 8866. June 5, 1971. 50 p.
- 12187 246. Consideration of H.R. 8293. Report from Committee on Rules to accompany H. Res. 465. June 7, 1971. 1 p.
- 12188 248. Consideration of H.J. Res. 687. Report from Committee on Rules to accompany H. Res. 467. June 7, 1971. 1 p.
- 12189 249. Health professions student loan and scholarship extension. Report from Committee on Interstate and Foreign Commerce to accompany H.R. 7736. June 7, 1971. 10 p.
- 12190 256. Priority for inventors' certificates. Report from Committee on Judiciary to accompany H.R. 5237. June 8, 1971. 10 p.
- 12191 257. Natural gas pipeline safety act amendments. Report from Committee on Interstate and Foreign Commerce to accompany H.R. 5065. June 9, 1971. 21 p.
- 12192 258. Comprehensive health manpower training act of 1971. Report of Committee on Interstate and Foreign Commerce together with minority views on H.R. 8629; June 9, 1971. 1971. iii + 102 p. ii.
- 12193 259. Nurse training act of 1971. Report of Committee on Interstate and Foreign Commerce on H.R. 8630; June 9, 1971. 1971. iii + 55 p.
- 12194 260. Amendments to act affecting public utilities of District of Columbia. Report from Committee on District of Columbia to accompany H.R. 2591. June 9, 1971. 7 p.
- 12195 261. Vacation work permits for minors. Report from Committee on District of Columbia to accompany H.R. 2592. June 9, 1971. 6 p.
- 12196 262. Amendments to healing arts practice act. Report from Committee on District of Columbia to accompany H.R. 8589. June 9, 1971. 11 p.
- 12197 263. Payment of medical expenses for police and firemen retired for total disability. Report from Committee on District of Columbia to accompany H.R. 8794. June 9, 1971. 5 p.
- 12198 264. Consideration of H.R. 6483. Report from Committee on Rules to accompany H. Res. 469. June 9, 1971. 1 p.
- 12199 266. Consideration of H.R. 8866. Report from Committee on Rules to accompany H. Res. 471. June 9, 1971. 1 p.
- 12200 267. Curtailing mailing of certain articles which present hazard to postal employees or mail processing machines by imposing restrictions on certain advertising and promotional matter in the mails. Report from Committee on Judiciary to accompany H.R. 8548. June 9, 1971. 9 p.
- 12201 269. Amending joint resolution establishing American Revolution Bicentennial Commission, as amended. Report from Committee on Judiciary to accompany S. 1538. June 9, 1971. 4 p.
- 12202 270. Providing for delegate to House of Representatives for unincorporated territories of Guam and Virgin Islands. Report from Committee on Interior and Insular Affairs to accompany H.R. 8787. June 10, 1971. 11 p.
- 12203 271. Accounting procedure for District of Columbia. Report from Committee on Government Operations to accompany H.R. 8712. June 15, 1971. 6 p.
- 12204 272. Providing Administrative Assistant to Chief Justice of United States. Report from Committee on Judiciary to accompany H.R. 8699. June 15, 1971. 5 p.
- 12205 273. Obscene mail category for minors and potentially offensive sexual material. Report from Committee on Post Office and Civil Service to accompany H.R. 8805. June 15, 1971. 40 p.
- 12206 274. To extend Cabinet Committee on Opportunities for Spanish-Speaking People. Report from Committee on Government Operations to accompany H.R. 7586. June 15, 1971. 7 p.
- 12207 275. Authorizing additional investigative authority to Committee on Education and Labor. Report from Committee on Rules to accompany H. Res. 434. June 15, 1971. 1 p.
- 12208 276. Purchase of U.S. obligations by Federal reserve banks. Report from Committee on Banking and Currency to accompany S. 1700. June 16, 1971. 4 p.
- 12209 277. Consideration of H.R. 1. Report from Committee on Rules to accompany H.R. 479. June 16, 1971. 1 p.
- 12210 278. Consideration of H.R. 7736. Report from Committee on Rules to accompany H. Res. 480. June 16, 1971. 1 p.
- 12211 279. Consideration of H.R. 8629. Report from Committee on Rules to accompany H. Res. 481. June 16, 1971. 1 p.
- 12212 280. Consideration of H.R. 8630. Report from Committee on Rules to accompany H. Res. 482. June 16, 1971. 1 p.
- 12213 281. Consideration of H.R. 234. Report from Committee on Rules to accompany H.R. 483. June 16, 1971. 1 p.
- 12214 282. Juvenile delinquency prevention and control act amendments of 1971. Report from Committee on Education and Labor to accompany H.R. 6247. June 17, 1971. 11 p.
- 12215 283. Extension and amendment of certain provisions of Child nutrition act and National school lunch act. Report from Committee on Education and Labor to accompany H.R. 9098. June 17, 1971. 8 p.
- 12216 288. Consideration of H.R. 1. Report from Committee on Rules to accompany H. Res. 487. June 18, 1971. 1 p.

✦For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to depository Libraries



# GOVERNMENT PUBLICATIONS

## House reports on public bills, 92d Congress—Continued

- 12217 289. Department of Agriculture-environmental and consumer protection appropriation bill, 1972. Report from Committee on Appropriations to accompany H.R. 9270. June 18, 1971. 70 p.
- 12218 290. Treasury, Postal Service, and general Government appropriation bill, 1972. Report from Committee on Appropriations to accompany H.R. 9271. June 18, 1971. 52 p.
- 12219 296. Expanding and extending desalting program being conducted by Secretary of Interior, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R. 9093. June 21, 1971. 26 p.
- 12220 297. Departments of State, Justice, and Commerce, the judiciary, and related agencies appropriation bill, fiscal year 1972. Report from Committee on Appropriations to accompany H.R. 9272. June 21, 1971. 47 p.
- 12221 298. World heroin problem. Report of special study mission composed of Morgan F. Murphy, Illinois, Chairman, Robert H. Steele, Connecticut, pursuant to H. Res. 100; June 22, 1971. 1971. vii+ (11)+46 p. II. map [Submitted to Committee on Foreign Affairs by special study mission conducted between Apr. 3 and 23, 1971.]
- 12222 299. Child nutrition. Conference report to accompany H.R. 5257. June 22, 1971. 5 p.
- 12223 300. Maritime programs authorization, fiscal year 1972. Conference report to accompany H.R. 4724. June 23, 1971. 3 p.
- 12224 301. Authorizing printing of additional copies of Senate hearings entitled Investigation into electronic battlefield program. Report from Committee on House Administration to accompany S. Con. Res. 9. June 23, 1971. 1 p.
- 12225 302. Continuing appropriations, 1972. Report from Committee on Appropriations to accompany H.J. Res. 742. June 23, 1971. 6 p.
- 12226 304. Amending Northwest Atlantic fisheries act of 1950, as amended. Report from Committee on Foreign Affairs to accompany H.R. 9181. June 23, 1971. 14 p.
- 12227 305. Department of Housing and Urban Development, Space, Science, Veterans, and certain other independent agencies appropriation bill, 1972. Report from Committee on Appropriations to accompany H.R. 9382. June 23, 1971. 41 p.
- 12228 306. Authority to sell veterans' direct loans under prevailing mortgage market conditions. Report from Committee on Veterans' Affairs to accompany H.R. 3344. June 24, 1971. 5 p.
- 12229 307. Extend authority of Administrator of Veterans' Affairs to establish and carry out a program of exchange of medical information. Report from Committee on Veterans' Affairs to accompany H.R. 4762. June 24, 1971. 6 p.
- 12230 308. Department of Interior and related agencies appropriation bill, 1972. Report from Committee on Appropriations to accompany H.R. 9417. June 24, 1971. 54 p.
- 12231 309. Office of Education and related agencies appropriation bill. Conference report to accompany H.R. 7016. June 28, 1971. 10 p.
- 12232 311. Extending for 2 years existing authority for erection in District of Columbia of memorial to Mary McLeod Bethune. Report from Committee on House Administration to accompany S.J. Res. 111. June 29, 1971. 4 p.
- 12233 312. Consideration of S. 1700. Report from Committee on Rules to accompany H. Res. 514. June 29, 1971. 1 p.
- 12234 313. Consideration of H.R. 8699. Report from Committee on Rules to accompany H. Res. 515. June 29, 1971. 1 p.
- 12235 314. Consideration of H.R. 8805. Report from Committee on Rules to accompany H. Res. 516. June 29, 1971. 1 p.
- 12236 315. Waiving points of order against certain provisions of H.R. 9382. Report from Committee on Rules to accompany H. Res. 517. June 29, 1971. 1 p.
- 12237 316. Administration of National environmental policy act (P.L. 91-190). Report by Committee on Merchant Marine and Fisheries; June 29, 1971. 1971. v+107 p. II.
- 12238 317. Legislative branch appropriations, 1972. Conference report to accompany H.R. 8825. June 29, 1971. 6 p.
- 12239 319. Requesting the President to furnish text of study entitled United States-Vietnam relationships, 1945-67. Adverse report from Committee on Armed Services to accompany H. Res. 490. June 30, 1971. 2 p.
- 12240 320. Amend uniform commercial code with respect to warehouseman's lien. Report from Committee on District of Columbia to accompany H.R. 6968. June 30, 1971. 4 p.
- 12241 322. Assistance for new State medical schools, existing medical schools, and other health service institutions. Report from Committee on Veterans' Affairs to accompany H.J. Res. 748. June 30, 1971. 14 p.
- 12242 32. Servicemen's veterans' and ex-servicemen's drug treatment and rehabilitation act of 1971. Report from Committee on Veterans' Affairs to accompany H.R. 9265. June 30, 1971. 28 p.
- 12243 324. Federal boat safety act of 1971. Report from Committee on Merchant Marine and Fisheries to accompany H.R. 19. June 30, 1971. 48 p. II.
- 12244 325. Authorizing appropriations for Atomic Energy Commission, fiscal year 1972. Report by Joint Committee on Atomic Energy to accompany H.R. 9388; June 30, 1971. 1971. ii+82 p. [Corrected print.]
- 12245 326. Treasury, Post Office, Executive Office of the President, and related agencies appropriations. Conference report to accompany H.R. 9271. June 30, 1971. 5 p.

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# AUGUST 1971

- 12246 327. Directing Secretary of State to furnish to the House certain information respecting United States operations in Laos. Adverse report together with minority views from Committee on Foreign Affairs to accompany H. Res. 492. July 1, 1971. 4 p.
- 12247 328. Directing Secretary of State to furnish to House certain information respecting Phoenix program. Adverse report from Committee on Foreign Affairs to accompany H. Res. 493. July 1, 1971. 1 p.
- 12248 329. Directing Secretary of State to furnish to House report entitled United States-Vietnam relationships, 1945-67. Adverse report from Committee on Foreign Affairs to accompany H. Res. 494. July 1, 1971. 1 p.
- 12249 330. Directing Secretary of State to furnish to House certain information respecting bombing operations in northern Laos. Adverse report from Committee on Foreign Affairs to accompany H. Res. 495. July 1, 1971. 1 p.
- 12250 331. Repealing Government employees reporting requirement. Report from Committee on Post Office and Civil Service to accompany H.R. 134. July 1, 1971. 6 p.
- 12251 332. Authorize D.C. to enter interstate agreement on qualification of educational personnel. Report from Committee on District of Columbia to accompany H.R. 8407. July 7, 1971. 5 p.
- 12252 333. Tax-sheltered annuities for D.C. teachers. Report from Committee on District of Columbia to accompany H.R. 9395. July 7, 1971. 3 p.
- 12253 334. Egg products inspection act exemption. Report with separate views from Committee on Agriculture to accompany H.R. 9020. July 7, 1971. 4 p.
- 12254 335. Consideration of H.R. 19. Report from Committee on Rules to accompany H. Res. 525. July 7, 1971. 1 p.
- 12255 336. Consideration of H.R. 8181. Report from Committee on Rules to accompany H. Res. 526. July 7, 1971. 1 p.
- 12256 337. Consideration of H.R. 9093. Report from Committee on Rules to accompany H. Res. 527. July 7, 1971. 1 p.
- 12257 338. Consideration of H.R. 9388. Report from Committee on Rules to accompany H. Res. 528. July 7, 1971. 1 p.
- 12258 339. Pay system for Government prevailing rate employees. Report together with minority views from Committee on Post Office and Civil Service to accompany H.R. 9092. July 8, 1971. 54 p.
- 12259 341. Department of Transportation and related agencies appropriation bill, 1972. Report from Committee on Appropriations to accompany H.R. 9667. July 8, 1971. 43 p.
- 12260 345. Motor bus width limits on interstate system. Report together with additional, supplemental, and minority views from Committee on Public Works to accompany H.R. 4354. July 12, 1971. 32 p.
- 12261 347. Consideration of H.R. 8311. Report from Committee on Rules to accompany H. Res. 466. June 7, 1971. 1 p.
- 12262 349. Proceeding against Frank Stanton and Columbia Broadcasting System, Inc. Report of Committee on Interstate and Foreign Commerce together with separate views (pursuant to H. Res. 170, 92d Congress); July 13, 1971. 1971. iii + [1] + 272 p.

## Agriculture Committee, House Washington, DC 20515

[Committee hearings] serial, 92d Congress. ● Item 1010

- 12263 C. Feed grain program, participation of sugar beet growers, advance payments, participation of small farms, hearings, 92d Congress, 1st session, on H.R. 856, H.R. 895, H.R. 5475, H.R. 5707, H.R. 5981, and other similar bills, Mar. 11-Apr. 6, 1971. 1971. iii + 98 p. †  
L.C. card 72-613511 Y 4.Ag 8/1: F 32/2
- 12264 E. Extension of Sugar act, hearings, 92d Congress, 1st session, Feb. 9-May 6, 1971. 1971. vi + 789 p. ii. \* Paper, \$3.25.  
L.C. Card 74-613612 Y 4.Ag 8/1: Su 3/16/971
- 12265 F. Agricultural marketing agreement act, promotion of California-grown peaches, include pears for canning and freezing, restrict imports of unshelled filberts, hearings before Subcommittee on Domestic Marketing and Consumer Relations, 92d Congress, 1st session on H.R. 2454, H.R. 2559, H.R. 4263, H.R. 4874, and H.R. 5825, May 10-June 2, 1971. 1971. iii + 69 p. †  
L.C. card 75-613690 Y 4.Ag 8/1: M 34/7/971

## Appropriations Committee, House Washington, DC 20515

- 12266 Agriculture-environmental and consumer protection appropriations for 1972, hearings before subcommittee, 92d Congress, 1st session.  
pt. 5. Council on Environmental Quality, Environmental Protection Agency, [and] grants for basic water and sewer facilities. 1971. ii + 629 + v p. ii. †  
● Item 1011  
L.C. card 71-612274 Y 4.Ap 6/1: Ag 8/972/pt.5

✚For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to depository Libraries

Page 23

# GOVERNMENT PUBLICATIONS

- 12267 Department of Defense appropriations for 1972, hearings before subcommittee, 92d Congress, 1st session. † ● Item 1011  
L.C. card 61-60926 Y 4.Ap 6/1: D 36/5/972/pt. (nos.)
- pt. 1. Secretary of Defense, chairman, Joint Chiefs of Staff, overall financial statements, Service secretaries and Chiefs of Staff. 1971. ii+1226+xi p.
- pt. 2. Deputy Secretary of Defense, reprogramings, Safeguard Antibalistic Missile System, Strategic Air Command, submarine-launched ballistic missile program. 1971. ii+729+viii p. ii.
- 12268 Department of State, Justice, and Commerce, the judiciary, and related agencies appropriations for 1972, hearings before Subcommittee on Departments of State, Justice and Commerce, the judiciary, and related agencies, 92d Congress, 1st session. † ● Item 1011  
L.C. card 72-612285 Y 4.Ap 6/1: St 2/972/pt. (nos.)
- pt. 3. Department of Commerce. 1971. ii+1343+vii p.
- pt. 4. Related agencies: American Battle Monuments Commission, Arms Control and Disarmament Agency, Commission on American Shipbuilding, Commission on Civil Rights, Equal Employment Opportunity Commission, Federal Maritime Commission, Foreign Claims Settlement Commission, Small Business Administration, Special Representative for Trade Negotiations, Subversive Activities Control Board, Tariff Commission, U.S. Information Agency, testimony of Members of Congress, interested individuals and organizations. 1971. ii+910+vi p.
- 12269 Department of Transportation and related agencies appropriations for 1972, hearings before subcommittee, 92d Congress, 1st session.  
L.C. card 77-613582
- pt. 1. Federal Highway Administration, Secretary of Transportation, reprogramming, Coast Guard, National Transportation Safety Board, Interstate Commerce Commission. 1971. ii+1177+viii p. ii. † ● Item 1011  
Y 4.Ap 6/1: T 68/4/972/pt. 1.
- 12270 HUD-space-science appropriations for 1972, hearings before subcommittee, 92d Congress, 1st session. † ● Item 1011  
L.C. card 72-613684 Y 4.Ap 6/1: H 81/2/pt. (nos.)
- pt. 1. Commission on Population Growth and American Future, Federal Home Loan Bank Board, National Aeronautics and Space Administration, National Aeronautics and Space Council, Office of Science and Technology, Renegotiation Board, Veterans' Administration. 1971. ii+1629+xi p. ii.
- pt. 3. Federal Communications Commission, National Science Foundation, Securities and Exchange Commission, Selective Service System, testimony of Members of Congress and interested individuals and organizations. 1971. ix+1192+ix p. ii.
- 12271 Public works for water and power development and Atomic Energy Commission appropriation bill, 1972, hearings before subcommittee, 92d Congress, 1st session.
- pt. 1. Corps of Engineers: Missouri River Division, North Central Division, North Pacific Division, Pacific Ocean Division, South Atlantic Division, South Pacific Division. 1971. ii+1185+ix p. ii. † ● Item 1011  
L.C. card 77-613688 Y 4.Ap 6/1: P 96/14/972/pt. 1.

## Armed Services Committee, House Washington, DC 20515

Papers, 92d Congress. † ● Item 1012 Y 4.Ar 5/2a: 971-72/(nos.)

NOTE.—(These papers consist largely of hearings. They are paged continuously for binding at the end of session of Congress under title "Hearings before Committee on Armed Services of the House of Representatives on sundry legislation affecting the naval and military establishments." Title page, contents, and index are issued for each volume.)

- 12272 11. Subcommittee no. 2 hearing 6723, to provide subsistence allowances for members of Marine Corps Officer candidate programs. June 3, 1971. p. 4795-4822
- 12273 12. Subcommittee no. 2 hearing on H.R. 4606 to amend title 37, United States Code, to provide for procurement and retention of Judge Advocate and law specialist officers for Armed Forces. June 8, 1971. p. 4823-96, ii.
- 12274 16. Subcommittee no. 2 hearings on H.R. 6724 (subsistence allowances for senior Reserve Officers' Training Corps members), H.R. 4729 (Reserve Officers' Training Corps scholarships for Army, Navy, and Air Force), and H.R. 8656 (promotion of members of uniformed services who are in a missing status). June 15, 1971. p. 5403-64.

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# AUGUST 1971

- 12275 17. Subcommittee no. 4 hearing on S. 421, to amend title 10, United States Code, to provide special health care benefits for certain surviving dependents, and H.R. 1409, to amend title 10, United States Code, to remove restriction on use of certain private institutions under dependents' medical care program. July 7, 1971. p. 5465-77.
- 12276 18. Full consideration of H.R. 4729, H.R. 6724, H.R. 6723, H.R. 4606, H.R. 8656, S. 421, H.R. 1409, and H.R. 8356. July 13, 1971, p. 5479-99.

## Banking and Currency Committee, House Washington, DC 20515

- 12277 Export expansion finance act of 1971, hearings before Subcommittee on International Trade, 92d Congress, 1st session, on H.R. 5846 [and] H.R. 8181, May 18-26, 1971. 1971. vi+647 p. \* Paper, \$2.75. (S/N 5270-1110)  
● Item 1013  
L.C. card 71-613630 Y 4.B22/1: Ex. 7/19
- 12278 Papers submitted to Subcommittee on Housing Panels on housing production, housing demand, and developing suitable living environment, pt. 1, 92d Congress, 1st session; June 1971. 1971. vii+412 p. il. (Committee print) \* Paper, \$1.50. ● Item 1013  
L.C. card 70-613567 Y 4.B 22/1: H 81/53/pt.1
- 12279 Recent bank closings, hearing, 92d Congress, 1st session, Mar. 9, 1971. 1971. iii+120 p. † ● Item 1013  
L.C. card 77-613531 Y 4.B 22/1: B 22/23
- 12280 To extend authority of Federal reserve banks to purchase U.S. obligations directly from Treasury, hearing, 92d Congress, 1st session, on H.R. 7632 [and] S. 1700, June 15, 1971. 1971. iii+17 p. † ● Item 1013  
L.C. card 74-613509 Y 4.B 22/1: Ob 4/2/971

## District of Columbia Committee, House Washington, DC 20515

- 12281 School attendance, hearing before Subcommittee on Housing and Youth Affairs, 92d Congress, 1st session, on H.Con.Res. 172, May 24, 1971. 1971. iii+12 p. † ● Item 1014  
L.C. card 72-613692 Y 4.D 63/1: Sch 6/14
- 12282 School fare subsidy, hearings before Subcommittee on Education, 92d Congress, 1st session, on H.R. 6638, Apr. 7 and 30, 1971. 1971. iv+178 p. † ● Item 1014  
L.C. card 70-613564 Y 4.D 63/1: Sch 6/13

## Education and Labor Committee, House Washington, DC 20515

- 12283 Economic opportunity act, hearing before Special hearing subcommittee no. 2, 92d Congress, 1st session, consideration of H.R. 40, H.R. 6360, H.R. 6394, and H.R. 8163, Apr. 26, 1971. 1971. iii+142 p. [Hearing held in Miami.] † ● Item 1015  
L.C. card 79-613738 Y 4.Ed 8/1: Ec 7/971-2
- 12284 Economic opportunity amendments of 1971, hearings, 92d Congress, 1st session, on H.R. 40 [and other bills], and oversight on administration and extension of Economic opportunity act.  
pt. 1. Mar. 22-Apr. 19, 1971. vi+769 p. il. † ● Item 1015  
L.C. card 73-613687 Y 4.Ed 8/1: Ec 7/971/pt.1
- 12285 Equal employment opportunity enforcement procedures, hearings before General Subcommittee on Labor, 92d Congress, 1st session, on H.R. 1746, Mar. 3-18, 1971. 1971. v+521 p. † ● Item 1015  
L.C. card 73-613601 Y 4.Ed 8/1: Em 7/10/971
- 12286 Joint industry promotion programs, hearing before Special Subcommittee on Labor, 92d Congress, 1st session, on H.R. 6195, May 10, 1971. 1971. iii+51 p. † ● Item 1015  
L.C. card 75-613615 Y 4.Ed 8/1: In 2/4

✦For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to depository Libraries

## GOVERNMENT PUBLICATIONS

- 12287 Oversight hearing on older Americans, hearing before Select Subcommittee on Education, 92d Congress, 1st session, Mar. 10, 1971. 1971. ii+32 p.  
● Item 1015  
L.C. card 70-613505 Y 4.Ed 8/1: Ol 1
- 12288 Oversight hearings on administration of Economic opportunity act, hearings, 91st Congress, 2d session, on H.R. 19898. 1971. iv+336 p. il. [Hearings held in Washington, D.C., Dec. 2 and 3, 1970 and Los Angeles, Calif. Dec. 12, 1970.] † ● Item 1015  
L.C. card 77-613523 Y 4.Ed 8/1: Ec 7
- 12289 To amend Federal coal mine health and safety act of 1969, hearings before General Subcommittee on Labor, 92d Congress, 1st session, on H.R. 568. Mar. 9-13, 1971. 1971. iv+341 p. [Hearings held in Washington, D.C. and Hazard, Ky.] † ● Item 1015  
L.C. card 75-613753 Y 4.Ed 8/1: C 63/3/97
- 12290 To amend Service contract act of 1965, hearings before Special Subcommittee on Labor, 92d Congress, 1st session, on H.R. 6244 and H.R. 6245. Mar. 30-May 5, 1971. 1971. v+316 p. il. † ● Item 1015  
L.C. card 79-613506 Y 4.Ed 8/1: Se 6/97

### *Foreign Affairs Committee, House* Washington, DC 20515

- 12291 Crisis in East Pakistan, hearings before Subcommittee on Asian and Pacific Affairs, 92d Congress, 1st session, May 11 and 25, 1971. 1971. iii+50 p.  
● Item 1017  
L.C. card 75-612492 Y 4.F 76/1: P 17/
- 12292 Foreign assistance act of 1971, hearings, 92d Congress, 1st session. pt. 3. May 25-June 2, 1971. 1971. iii+443-553 p. \* Paper, 50c. ● Item 1017  
L.C. card 75-612468 Y 4.F 76/1: F 76/28/971/pt.3
- 12293 Military assistance training in east and southeast Asia, staff report prepared for use of Subcommittee on National Security Policy and Scientific Developments, 91st Congress, 2d session; Feb. 16, 1971. 1971. v+31 p. (Committee print.) †  
L.C. card 76-611376 Y 4.F 76/1: As 4/
- 12294 Northwest Atlantic fisheries act amendments, hearing, 92d Congress, 1st session, on H.R. 8791, June 10, 1971. 1971. iii+66 p. il. † ● Item 1017  
L.C. card 71-613614 Y 4.F 76/1: N 81/3
- 12295 War powers legislation, hearings before Subcommittee on National Security Policy and Scientific Developments, 92d Congress, 1st session, June 1 and 2, 1971. 1971. v+145 p. † ● Item 1017  
L.C. card 71-613736 Y 4.F 76/1: W 19/8

### *Government Operations Committee, House* Washington, DC 20515

- 12296 Accounting procedure for District of Columbia, hearing before subcommittee, 92d Congress, 1st session, on H.R. 8712, June 8, 1971. 1971. iii+19 p. † ● Item 1016  
L.C. card 73-613628 Y 4.G 74/7: Ac 2/6/971
- 12297 Authorizing appropriations for Cabinet Committee on Opportunities for Spanish-Speaking People, hearing before subcommittee, 92d Congress, 1st session, on H.R. 7586, June 14, 1971. 1971. iii+25 p. † ● Item 1016  
L.C. card 70-613508 Y 4.G 74/7: Sp 2/3
- 12298 Stream channelization, hearings before Subcommittee, 92d Congress, 1st session. pt. 1. May 3 and 4, 1971. 1971. iv+388 p. il. \* Paper, \$1.50. ● Item 1016  
L.C. card 75-613528 Y 4.G 74/7: St 8/pt.1

\*For Sale by Superintendent of Documents  
†Distribution Made by Issuing Office  
‡Official Use. Not Available

# AUGUST 1971

## Interior and Insular Affairs Committee, House Washington, DC 20515

[Committee hearing] serial, 92d Congress.

- 12299 8. Amend Water resources planning act, hearing before Subcommittee on Irrigation and Reclamation, 92d Congress, 1st session, on H.R. 6359, Apr. 26, 1971. 1971. iii+36 p. † ● Item 1023  
L.C. card 77-613507 Y 4.In 8/14: 92-8

## Internal Security Committee, House Washington, DC 20515

- 12300 Hearings regarding administration of Subversive activities control act of 1950 and Federal civilian employee loyalty security program, hearings, 92d Congress, 1st session.  
pt. 2. Apr. 21-29, 1971. 1971. v+497-1444+iv p. † ● Item 1026  
L.C. card 70-610758 Y 4.In 8/15: Su 1/pt.2

## Interstate and Foreign Commerce Committee, House Washington, DC 20515

[Committee hearings] serial, 92d Congress. ● Item 1019

Y 4.In 8/4: 92-(nos.)

- 12301 9. Films and broadcasts demeaning ethnic, racial, or religious groups, 1971, hearings before Subcommittee on Communications and Power, 92d Congress, 1st session, on H. Con. Res. 9 and H. Con. Res. 182 (and all identical resolutions), Apr. 27 and 28, 1971. 1971. iii+67 p. \* Paper, 30c.  
L.C. card 76-613504
- 12302 10. Health professions educational assistance amendments of 1971, hearings before Subcommittee on Public Health and Environment, 92d Congress, 1st session, on H.R. 703 [and other bills], pt. 1. Apr. 2-20, 1971. 1971. xvi+1-522 p. ii.  
L.C. card 70-613521
- 12303 11. Health professions educational assistance amendments of 1971, hearings before Subcommittee on Public Health and Environment, 92d Congress, 1st session, on H.R. 703 [and other bills], pt. 2. Apr. 2-29, 1971. 1971. xvi+523-1076 p. ii. map †  
L.C. card 70-613521
- 12304 12. Expenditure of public funds for broadcast advertising, hearings before Subcommittee on Communications and Power, 92d Congress, 1st session, on H. Con. Res. 215, Apr. 21, 22, 1971. 1971. iv+194 p. †  
L.C. card 70-613600
- 12305 13. Cleaning instructions labeling of imported fabrics, hearing before Subcommittee on Commerce and Finance, 92d Congress, 1st session, on H.R. 6143, May 10, 1971. 1971. iii+84 p. †  
L.C. card 77-613602
- 12306 14. 1971 railway labor-management dispute, signalman, hearing, 92d Congress, 1st session, on H.J. Res. 642, May 18, 1971. 1971. iii+85 p. †  
L.C. card 70-613603
- 12307 15. Allen amateur radio operators, hearing before Subcommittee on Communications and Power, 92d Congress, 1st session, on H.R. 9261, H.R. 8964, H.R. 7343, and S. 485, June 24, 1971. 1971. iii+15 p. †  
L.C. card 76-613693
- 12308 17. Relief of Casa Angelica Mental Retardation Facility, hearing before Subcommittee on Public Health and Environment, 92d Congress, 1st session, on H.R. 864, June 22, 1971. 1971. iii+18 p. ii. †  
L.C. card 70-613694
- 12309 Report on marijuana control, Champaign County, Ill. Dec. 1970. 1970. ii+21 p. ii. (Committee print, 91st Congress, 2d session.) † ● Item 1019  
L.C. card 72-611978 Y 4.In 8/4: M 33

## Judiciary Committee, House Washington, DC 20515

[Committee hearings] serial, 92d Congress. † ● Item 1020

Y 4.J 80/1: 92-(nos.)

- 12310 4. Pocket veto power, hearing before subcommittee no. 5, 92d Congress, 1st session, on H.R. 6225, Apr. 7, 1971. 1971. iii+133 p.  
L.C. card 71-613622
- 12311 5. Patent Office legislation, hearings before Subcommittee no. 3, 92d Congress, 1st session, on S. 645 [and other bills], May 5, 1971. 1971. iii+45 p.  
L.C. card 74-613655

♦For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to depository Libraries

Page 27



# GOVERNMENT PUBLICATIONS

## Merchant Marine and Fisheries Committee, House Washington, DC 20515

[Committee hearings] serial, 91st Congress.

- 12312 40. Sale of vessel "Atlantic", hearings before Subcommittee on Merchant Marine and Fisheries, 91st Congress, 2d session, on H.R. 16498, Nov. 19, 1970. 1971. iii+48 p. † • Item 1021  
L.C. card 79-611157 Y 4.M 53: 91-4

[Committee hearing] serial, 92d Congress.

- 12313 2. Ocean dumping of waste materials, hearings before Subcommittee on Fisheries and Wildlife Conservation and Subcommittee on Oceanography, 92d Congress, 1st session, on H.R. 285 [and other bills], Apr. 5-7, 1971. 1971. vii+553 p. † • Item 1021  
L.C. card 70-613717 Y 4.M 53: 92-
- 12314 Merchant marine act, 1936, Shipping act, 1916, and related acts (as amended through 91st Congress, 2d session); Jan. 1, 1971. 1971. x+320 p. (House committee print, 91st Congress, 2d session.) [Edge index and instructions for use on p. 4 of cover.] \* Paper, \$1.25.  
L.C. card 71-611380 Y 4.M 53: M 53/32/97

## Post Office and Civil Service Committee, House Washington, DC 20515

[Committee hearings] serial, 92d Congress.

- 12315 8. Reporting requirements under Government employees training act, hearings before Subcommittee on Employee Benefits, 92d Congress, 1st session, on H.R. 134, June 23, 1971. 1971. iii+76 p. ii. † • Item 1022  
L.C. card 78-613613 Y 4.P 84/10: 92-
- 12316 Federal employee bonding requirements, proposal by Secretary of Treasury to repeal certain statutes requiring bonding of Federal civilian and military personnel, together with 1970 report of operations in connection with bonding of Government officers and employees; Apr. 7, 1971. 1971. vi+9 p. (Committee print no. 8, 92d Congress, 1st session.) †  
L.C. card 77-612203 Y 4.P 84/10: B 64/4
- 12317 Federal employee legislation enacted during 91st Congress; Jan. 1971. 1971. ii+14 p. (Committee print no. 2, 92d Congress, 1st session.) †  
L.C. card 72-611174 Y 4.P 84/10: F 31/3
- 12318 Federal employees health benefits program, highlights of 1st decade of operation, July 1960-June 1970; Mar. 1971. 1971. ii+37 p. (Committee print no. 5, 92d Congress, 1st session.) †  
L.C. card 70-612204 Y 4.P 84/10: H 34/6
- 12319 Federal Executive Service (proposal for improving Executive manpower management), recommendation of President of United States; Feb. 3, 1971. 1971. iii+108 p. (Committee print no. 3, 92d Congress, 1st session.) †  
L.C. card 71-611147 Y 4.P 84/10: Ex 3
- 12320 Interim progress report of Job Evaluation and Pay Review Task Force of Civil Service Commission; Mar. 31, 1971. 1971. vi+80 p. (Committee print no. 6, 92d Congress, 1st session.) †  
L.C. card 70-613516 Y 4.P 84/10: J 57
- 12321 Rules of Committee on Post Office and Civil Service together with pertinent house rules, adopted Mar. 4, 1971. 1971. iv+21 p. (Committee print no. 4, 92d Congress, 1st session.) †  
L.C. card 71-613519 Y 4.P 84/10: R 86/971
- 12322 Salary and retirement annuity increases of Federal classified and postal employees, 1945-71 together with current salary schedules; May 1971. 1971. ii+8 p. (Committee print no. 9, 2d Congress, 1st session.) †  
L.C. card 78-611146 Y 4.P 84/10: Sa 3/15/045-71-2
- 12323 Staff investigative report on postal service in State of Texas including Postmaster general's response to report; Apr. 2, 1971. 1971. v+24 p. (Committee print no. 7, 92d Congress, 1st session.) †  
L.C. card 70-612488 Y 4.P 84/10: T 31

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available



AUGUST 1971

**Science and Astronautics Committee, House**  
Washington, DC 20515

[Papers] 92d Congress, 1st session. † ● Item 1025-A

Y-4.Sci 2: 92-1 (nos.)

- 12324 4. General review of international cooperation in science and space, hearings before Subcommittee on International Cooperation in Science and Space, 92d Congress, 1st session, May 18-20, 1971. 1971. iii+359 p. il.  
L.C. card 76-613634
- 12325 6. Facilities acquisition, NASA, hearing before Subcommittee on NASA Oversight, 92d Congress, 1st session, June 18, 1971. 1971. iii+49 p. il.  
L.C. card 75-613702

**Veterans' Affairs Committee, House**  
Washington, DC 20515

- 12326 Operation and funding of VA medical programs and legislation related thereto, hearings before Subcommittee on Hospitals, 92d Congress, 1st session, May 11-27, 1971. 1971. viii+223-824 p. il. 2 maps. † ● Item 1027  
Y 4.V 64/3: M 46/21
- 12327 Review of VA insurance programs, hearings before Subcommittee on Insurance, 92d Congress, 1st session, on operation of VA insurance programs, June 8, 1971. 1971. iii+825-899 p. il. † ● Item 1027  
Y 4.V 64/3: In 7/15

**PRINTING JOINT COMMITTEE**  
Washington, DC 20510

- 12328 Government printing & binding regulations, Apr. 1971. [1971.] cover title, vi+42 p. (No. 21.) [Map on p. 3 of cover. Supersedes previous issues.] †  
Y 4.P 93/1: 6/21

**REDUCTION OF FEDERAL EXPENDITURES JOINT COMMITTEE**  
Washington, DC 20510

- 12329 1972 budget scorekeeping report (staff report no. 3) pursuant to sec. 601 of Revenue act of 1941 showing status of 1972 fiscal year Federal Budget, as of June 1, 1971, with summary presentation. 1971. iii+19 p. 4\* (Joint committee print, 92d Congress, 1st session.) †  
Y 4.R 24/4: B 85/2/972/no.3

**SENATE**  
Washington, DC 20510

**Senate documents**

NOTE.—All Senate documents, entries for which are followed by a †, may be obtained from the Senate Document Room or from the issuing office.

Senate documents, 91st Congress.

- 12330 122. Appropriations, budget estimates, etc., statements, 91st Congress, 2d session, Jan. 19, 1970-Jan. 2, 1971, except with respect to Foreign assistance appropriation act, 1970, and Departments of Labor, and Health, Education and Welfare appropriation act, 1970, showing appropriations made, etc. 1971. 2126+lxv large 8\* † (To be sent to depository libraries in serial set binding.)

Senate documents, 92d Congress. ● Item 906

- 12331 10. How can administration of justice be improved in United States, collection of excerpts and bibliography relating to high school debate topic, 1971-72, pursuant to Public law 88-246 [with selected bibliography]; by Congressional Research Service, Library of Congress. 1971. v+122 p. \* Paper, 55c.
- 12332 11. Progress in prevention and control of air pollution, annual report of Administrator of Environmental Protection Agency to Congress in compliance with Public law 90-148, Clean air act of 1967, May 1971; May 3, 1971. 1971. ix+19 p. \* Paper, 15c.
- 12333 22. Annual report of National Forest Reservation Commission, letter from Secretary of Army transmitting report for fiscal year 1970; June 18, 1971. 1971. iv+28 p. †

♣For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to depository Libraries

Page 29

## GOVERNMENT PUBLICATIONS

### Senate documents, 92d Congress—Continued

- 12334 25. Study mission to Central and East Africa, Feb. 1971, report of Gale W. McGee, Frank E. Moss, and Hiram L. Fong to Committee on Appropriations and Committee on Commerce, Senate; June 21, 1971. 1971. iv+19 p. [Corrected copy.] †

### Senate executive documents

#### Senate executive document, 92d Congress, 1st session.

- 12335 G. Convention on psychotropic substances, message from President of United States transmitting convention signed Vienna, Feb. 21, 1971; June 29, 1971. 1971. viii+21 p. † Y 1.92/1: G

### Senate executive reports

#### Senate executive report, 92d Congress, 1st session.

- 12336 7. International wheat agreement, 1971. Report from Committee on Foreign Relations to accompany Ex.F.92-1. July 8, 1971. 6 p. † Y 1.92/1: rp.7

### Senate reports

NOTE.—For titles of bills which these reports accompany, see Congressional record index.

#### Senate reports on private bills, 92d Congress. † Senate Document Room, Capitol. ● Item 1008-B

- 12337 159. West Fargo Pioneer and Dale C. Nesemeler. Report from Committee on Judiciary to accompany S. 161. June 17, 1971. 5 p.  
 12338 160. Mr. and Mrs. Arvel Giliaz. Report from Committee on Judiciary to accompany S. 415. June 17, 1971. 11 p.  
 12339 163. William D. Pender. Report from Committee on Judiciary to accompany S. 248. June 17, 1971. 4 p.  
 12340 164. Frederick Edwin Keehn. Report from Committee on Judiciary to accompany S. 654. June 17, 1971. 2 p.  
 12341 165. Robert F. Cheatwood, Walter R. Cottom, Kenneth Greene, Kenneth L. March, Ernest Levy, and estate of Charles J. Hiller. Report from Committee on Judiciary to accompany H.R. 1890. June 17, 1971. 6 p.  
 12342 166. Philip C. Riley and Donald F. Lane. Report from Committee on Judiciary to accompany H.R. 2011. June 17, 1971. 4 p.  
 12343 167. Linda Ortega. Report from Committee on Judiciary to accompany H.R. 2036. June 17, 1971. 4 p.  
 12344 168. Marion Owen. Report from Committee on Judiciary to accompany H.R. 2047. June 17, 1971. 4 p.  
 12345 169. Comdr. Albert G. Berry, jr. Report from Committee on Judiciary to accompany H.R. 2132. June 17, 1971. 8 p.  
 12346 170. William E. Carroll. Report from Committee on Judiciary to accompany H.R. 2835. June 17, 1971. 4 p.  
 12347 171. Sgt. John E. Bourgeois. Report from Committee on Judiciary to accompany H.R. 3749. June 17, 1971. 5 p.  
 12348 172. Robert L. Stevenson. Report from Committee on Judiciary to accompany H.R. 4327. June 17, 1971. 4 p.  
 12349 173. John Borbridge, jr. Report from Committee on Judiciary to accompany S. 504. June 17, 1971. 4 p.  
 12350 174. For relief of certain individuals and organizations. Report from Committee on Judiciary to accompany S. 113. June 17, 1971. 4 p.  
 12351 208. Flore Lekanof. Report from Committee on Judiciary to accompany S. 47. June 17, 1971. 4 p.  
 12352 209. Kyung Jo Min and Kyung Sook Min. Report from Committee on Judiciary to accompany S. 108. June 17, 1971. 4 p.  
 12353 210. Manuela C. Bonito. Report from Committee on Judiciary to accompany S. 119. June 17, 1971. 10 p.  
 12354 211. Park Jung Ok. Report from Committee on Judiciary to accompany S. 1489. June 17, 1971. 11 p.  
 12355 212. Leonarda Buenaventura Ocariza and her daughter, Lucila B. Ocariza. Report from Committee on Judiciary to accompany S. 1759. June 17, 1971. 4 p.  
 12356 215. Kowk Kwen Ng. Report from Committee on Judiciary to accompany S. 59. June 17, 1971. 8 p.  
 12357 216. Fung Yut Ma, also known as Ma Yut Fung. Report from Committee on Judiciary to accompany S. 624. June 17, 1971. 7 p.  
 12358 218. Gheorghe Jucu and Aurelia Jucu. Report from Committee on Judiciary to accompany H.R. 3929. June 17, 1971. 3 p.  
 12359 226. For relief of estate of John N. Laycock. Report from Committee on Judiciary to accompany H.R. 3004. June 21, 1971. 12 p.

#### Senate reports on public bills, 92d Congress. † Senate Document Room, Capitol. ● Item 1008-A

- 12360 57. Authorizing printing of additional copies of pt. 1 of hearings entitled Reform of Federal criminal laws, v. 1. Report of National Commission on Reform of Federal Criminal Laws. Report from Committee on Rules and Administration to accompany S. Con. Res. 15. Apr. 5, 1971. 2 p.

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# AUGUST 1971

- 12361 58. Authorizing printing for use of Committee on Interior and Insular Affairs of additional copies of its committee print entitled Review of energy issues and 91st Congress. Report from Committee on Rules and Administration to accompany S. Res. 78. Apr. 5, 1971. 2 p.
- 12362 61. Emergency school aid and quality integrated education act of 1971. Report of Committee on Labor and Public Welfare on S. 1557, together with individual views; Apr. 16, 1971. 1971. (1) +63 p.
- 12363 102. Purchase of U.S. obligations by Federal reserve banks. Report from Committee on Banking, Housing, and Urban Affairs to accompany S. 1700. May 11, 1971. 3 p.
- 12364 110. Consideration of legislation for temporary settlement of railroad labor dispute. Report from Committee on Labor and Public Welfare to accompany S.J. Res. 100. May 18, 1971. 15 p.
- 12365 135. Separation of powers. Report of Committee on Judiciary made by its Subcommittee on Separation of Powers, pursuant to S. Res. 52, 91st Congress, 1st session; May 25, 1971. 1971. H+10 p.
- 12366 137. Public works acceleration act, Public works and economic development act, and Appalachian regional development act extensions. Conference report to accompany S. 575. June 1, 1971. 22 p.
- 12367 138. Designating Minam River Canyon in Oregon as wilderness. Report from Committee on Interior and Insular Affairs to accompany S. 493. June 2, 1971. 4 p.
- 12368 139. Amending Water resources planning act to authorize increased appropriations. Report from Committee on Interior and Insular Affairs to accompany H.R. 6359. June 3, 1971. 4 p.
- 12369 141. Providing for disposition of judgment funds of Iowa Tribes of Oklahoma and of Kansas and Nebraska. Report from Committee on Interior and Insular Affairs to accompany H.R. 4353. June 4, 1971. 25 p.
- 12370 142. Providing for disposition of judgment funds of Pembina Band of Chippewa Indians. Report from Committee on Interior and Insular Affairs to accompany H.R. 6072. June 4, 1971. 9 p.
- 12371 143. Providing for disposition of portion of funds to pay judgment in favor of Shoshone-Bannock Tribes of Indians of Fort Hall, Idaho, Shoshone Tribe of Indians of Wind River Reservation, Wyo., Bannock Tribe and Shoshone Nation or Tribe of Indians in Indian Claims Commission dockets 326-D, 326-E, 326-F, 326-G, 326-H, 366 and 367, consolidated. Report from Committee on Interior and Insular Affairs to accompany S. 101. June 4, 1971. 10 p.
- 12372 144. Providing for distribution to Sisseton and Wahpeton Tribes of Sioux Indians of their portion of funds appropriated to pay judgments in favor of Mississippi Sioux Indian Claims Commission dockets 142 and 359, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany S. 1462. June 4, 1971. 30 p.
- 12373 145. Office of Education and related agencies appropriation bill, 1972. Report from Committee on Appropriations to accompany H.R. 7016. June 8, 1971. 35 p.
- 12374 148. Authorizing printing of 1970 annual report of National Forest Reservation Commission as Senate document. Report from Committee on Rules and Administration to accompany S. Res. 121. June 16, 1971. 2 p.
- 12375 149. Authorizing printing of report entitled, Cost of clean water, as Senate document. Report from Committee on Rules and Administration to accompany S. Res. 130. June 16, 1971. 2 p.
- 12376 150. Authorizing printing of Proceedings of public meetings on development of uniform conventional mortgage form, as Senate document. Report from Committee on Rules and Administration to accompany S. Res. 117. June 16, 1971. 2 p.
- 12377 151. Extending for 2 years existing authority for erection in District of Columbia of memorial to Mary McLeod Bethune. Report from Committee on Rules and Administration to accompany S.J. Res. 111. June 16, 1971. 4 p.
- 12378 156. Establishing Glen Canyon National Recreation Area in Arizona and Utah. Report from Committee on Interior and Insular Affairs to accompany S. 27. June 17, 1971. 8 p.
- 12379 157. Establishing Capitol Reef National Park in Utah. Report from Committee on Interior and Insular Affairs to accompany S. 29. June 17, 1971. 7 p.
- 12380 158. Arches National Park. Report from Committee on Interior and Insular Affairs to accompany S. 30. June 17, 1971. 6 p.
- 12381 161. National Moon Walk Day. Report from Committee on Judiciary to accompany S.J. Res. 101. June 17, 1971. 2 p.
- 12382 162. Youth Appreciation Week. Report from Committee on Judiciary to accompany H.J. Res. 556. June 17, 1971. 1 p.
- 12383 175. Juvenile delinquency. Report of Committee on Judiciary made by its Subcommittee to Investigate Juvenile Delinquency, pursuant to S. Res. 48, 91st Congress, 1st session; June 17, 1971. 1971. H+10 p.
- 12384 176. Juvenile delinquency. Report of Committee on Judiciary made by its Subcommittee to Investigate Juvenile Delinquency, pursuant to S. Res. 240, 90th Congress, 2d session; June 17, 1971. 1971. H+9 p.
- 12385 177. Juvenile delinquency. Report of Committee on Judiciary made by its Subcommittee to Investigate Juvenile Delinquency, pursuant to S. Res. 342, 91st Congress, 2d session; June 17, 1971. 1971. H+11 p.
- 12386 179. Child nutrition programs. Report from Committee on Agriculture and Forestry to accompany H.R. 5257. June 7, 1971. 16 p.
- 12387 180. Disposal of industrial diamond crushing bort from national and supplemental stockpiles. Report from Committee on Armed Services to accompany S. 751. June 17, 1971. 4 p.

☛For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to depository Libraries

Page 31

# GOVERNMENT PUBLICATIONS

## Senate reports on public bills—Continued

- 12388 181. Disposal of vegetable tannin extracts from national and supplemental stockpiles. Report from Committee on Armed Services to accompany S. 752. June 17, 1971. 4 p.
- 12389 182. Disposal of thorium from supplemental stockpile. Report from Committee on Armed Services to accompany S. 753. June 17, 1971. 4 p.
- 12390 183. Disposal of silicon carbide from national and supplemental stockpiles. Report from Committee on Armed Services to accompany S. 754. June 17, 1971. 4 p.
- 12391 184. Disposal of shellac from national stockpile. Report from Committee on Armed Services to accompany S. 755. June 17, 1971. 4 p.
- 12392 186. Disposal of iridium from national stockpile. Report from Committee on Armed Services to accompany S. 757. June 17, 1971. 4 p.
- 12393 187. Disposal of mica from national and supplemental stockpiles. Report from Committee on Armed Services to accompany S. 758. June 17, 1971. 5 p.
- 12394 188. Disposal of metallurgical grade manganese from national and supplemental stockpiles. Report from Committee on Armed Services to accompany S. 759. June 17, 1971. 4 p.
- 12395 189. Disposal of manganese, battery grade, synthetic dioxide from national stockpile. Report from Committee on Armed Services to accompany S. 760. June 17, 1971. 4 p.
- 12396 190. Disposal of diamond tools from national stockpile. Report from Committee on Armed Services to accompany S. 761. June 17, 1971. 4 p.
- 12397 191. Disposal of chromium metal from national and supplemental stockpiles. Report from Committee on Armed Services to accompany S. 762. June 17, 1971. 4 p.
- 12398 192. Disposal of chemical grade chromite from national and supplemental stockpiles. Report from Committee on Armed Services to accompany S. 768. June 17, 1971. 4 p.
- 12399 193. Disposal of rare-earth materials from national and supplemental stockpiles. Report from Committee on Armed Services to accompany S. 767. June 17, 1971. 4 p.
- 12400 194. Disposal of zinc from national stockpile and supplemental stockpile. Report from Committee on Armed Services to accompany S. 768. June 17, 1971. 4 p.
- 12401 195. Disposal of antimony from national and supplemental stockpiles. Report from Committee on Armed Services to accompany S. 765. June 17, 1971. 4 p.
- 12402 196. Disposal of industrial diamond stones from national stockpile and supplemental stockpile. Report from Committee on Armed Services to accompany S. 769. 4 p.
- 12403 197. Disposal of columbium from national and supplemental stockpiles. Report from Committee on Armed Services to accompany S. 770. June 17, 1971. 4 p.
- 12404 198. Disposal of selenium from national and supplemental stockpiles. Report from Committee on Armed Services to accompany S. 771. June 17, 1971. 4 p.
- 12405 199. Disposal of celestite from national and supplemental stockpiles. Report from Committee on Armed Services to accompany S. 772. June 17, 1971. 4 p.
- 12406 200. Disposal of vanadium from national stockpile. Report from Committee on Armed Services to accompany S. 774. June 17, 1971. 4 p.
- 12407 201. Disposal of magnesium from national stockpile. Report from Committee on Armed Services to accompany S. 775. June 17, 1971. 4 p.
- 12408 202. Disposal of abaca from national stockpile. Report from Committee on Armed Services to accompany S. 776. June 17, 1971. 4 p.
- 12409 203. Disposal of sisal from national stockpile. Report from Committee on Armed Services to accompany S. 777. June 17, 1971. 4 p.
- 12410 204. Disposal of kyanite-mullite from national stockpile. Report from Committee on Armed Services to accompany S. 778. June 17, 1971. 4 p.
- 12411 205. Disposal of amosite asbestos from national and supplemental stockpile. Report from Committee on Armed Services to accompany S. 783. June 17, 1971. 4 p.
- 12412 206. Temporary increase in railroad retirement annuities, 1971. Report from Committee on Labor and Public Welfare to accompany H.R. 6444. June 17, 1971. 25 p.
- 12413 207. County committees. Report from Committee on Agriculture and Forestry to accompany S. 1670. June 17, 1971. 6 p.
- 12414 217. Giving consent to Congress to addition of land to Texas, and ceding jurisdiction to Texas over certain parcel or tract of land heretofore acquired by United States from United Mexican States. Report from Committee on Judiciary to accompany H.R. 1729. June 17, 1971. 14 p.
- 12415 220. Juvenile delinquency prevention and control act amendments of 1971. Report from Committee on Judiciary to accompany S. 1732. June 17, 1971. 9 p.
- 12416 221. Authorizing printing of report entitled Study mission to Central and East Africa, as Senate document. Report from Committee on Rules and Administration to accompany S. Res. 129. June 17, 1971. 2 p.
- 12417 222. Authorizing Committee on Veterans Affairs to employ additional clerical assistants. Report from Committee on Rules and Administration to accompany S. Res. 109. June 17, 1971. 3 p.
- 12418 223. Authorizing special supplementary expenditures by Committee on Banking, Housing, and Urban Affairs for inquiry and investigation pertaining to securities industry. Report from Committee on Rules and Administration to accompany S. Res. 109. June 17, 1971. 5 p.

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# AUGUST 1971

- 12419 224. Legislative branch appropriation bill, 1972. Report from Committee on Appropriations to accompany H.R. 8825. June 18, 1971. 34 p.
- 12420 227. Conveyance of certain public lands in Wyoming to occupants of the land. Report from Committee on Interior and Insular Affairs to accompany S. 187. June 21, 1971. 5 p.
- 12421 228. Land conveyance to Central Dakota Nursing Home. Report from Committee on Interior and Insular Affairs to accompany S. 414. June 21, 1971. 5 p.
- 12422 229. Federal elections campaign act of 1971. Report of Committee on Rules and Administration (together with supplemental and additional views) on S. 382. June 21, 1971. iii+128 p.
- 12423 230. Authorizing Secretary of Interior to construct, operate, and maintain Salmon Falls Division, Upper Snake River project, Idaho. Report from Committee on Interior and Insular Affairs to accompany S. 432. June 22, 1971. 12 p. ii.
- 12424 231. Amending act of Nov. 26, 1969, to provide for extension of date on which Commission on Government Procurement shall submit its final report. Report from Committee on Government Operations to accompany H.R. 4848. June 22, 1971. 6 p.
- 12425 232. National Science Foundation authorization act of 1972. Report from Committee on Labor and Public Welfare to accompany H.R. 7960. June 22, 1971. 78 p.
- 12426 233. Child nutrition. Conference report to accompany H.R. 5257. June 23, 1971. 5 p.
- 12427 234. Three-month extension of Federal water pollution control act. Report from Committee on Public Works to accompany S. 2133. June 23, 1971. 1 p.
- 12428 235. Prohibiting licensing of hydroelectric projects on Middle Snake River. Report from Committee on Interior and Insular Affairs to accompany S. 488. June 23, 1971. 8 p.
- 12429 236. Foreign Service scholarship program. Report from Committee on Foreign Relations to accompany S. 390. June 24, 1971. 16 p.
- 12430 237. Maritime programs authorization, fiscal year 1972. Conference report to accompany H.R. 4724. June 24, 1971. 3 p.
- 12431 239. Moratorium on killing of whales. Report from Committee on Foreign Relations to accompany S.J. Res. 115. June 24, 1971. 11 p.
- 12432 240. Continuing appropriations, 1972. Report from Committee on Appropriations to accompany H.J. Res. 742. June 25, 1971. 4 p.
- 12433 241. Urgent Agriculture appropriation, 1972. Report from Committee on Appropriations to accompany H.J. Res. 744. June 25, 1971. 2 p.
- 12434 242. Protection, management and control of wild free-roaming horses and burros on public lands. Report from Committee on Interior and Insular Affairs to accompany S. 1116. June 25, 1971. 13 p.
- 12435 243. Treasury, Postal Service, and general Government appropriation bill, 1972. Report from Committee on Appropriations to accompany H.R. 9271. June 28, 1971. 41 p.
- 12436 244. Suspension of duties for metal scrap. Report from Committee on Finance to accompany H.R. 7767. June 29, 1971. 3 p.
- 12437 245. Renegotiation amendments of 1971. Report from Committee on Finance to accompany H.R. 8311. June 29, 1971. 19 p.
- 12438 249. Authorizing appropriations for Atomic Energy Commission, fiscal year 1972. Report by Joint Committee on Atomic Energy to accompany S. 2150; July 8, 1971. 1971. ii+82 p.
- 12439 251. Health professions educational assistance amendments of 1971. Report of Committee on Labor and Public Welfare on S. 934; July 12, 1971. 1971. iii+123 p.
- 12440 252. Nurse training amendments of 1971. Report of Committee on Labor and Public Welfare on S. 1747; July 12, 1971. 1971. [1]+92 p.

## *Aging, Special Committee on, Senate* Washington, DC 20510

- 12441 Evaluation of Administration on Aging and conduct of White House Conference on Aging, joint hearings before Special Committee on Aging and Subcommittee on Aging of Committee on Labor and Public Welfare, Senate, 92d Congress, 1st session.  
pt. 1. Mar. 25, 1971. iv+120 p. ii. \* Paper, 50c. ● Item 1009 and 1043  
L.C. card 73-613695 Y 4.Ag 4: Ag 4/2/pt.1

## *Agriculture and Forestry Committee, Senate* Washington, DC 20510

- 12442 Child nutrition programs, hearing before Subcommittee on Agricultural Research and General Legislation, 92d Congress, 1st session, on S. 1900, S. 1919 [and] H.R. 5257, June 8, 1971. 1971. iii+53 p. † ● Item 1032  
L.C. card 75-613623 Y 4.Ag 8/2: C 43
- 12443 Cooperative Federal-State meat inspection, hearing before Subcommittee on Agricultural Research and General Legislation, 92d Congress, 1st session, on S. 1316, May 26, 1971. 1971. iii+48 p. † ● Item 1032  
L.C. card 77-613606 Y 4.Ag 8/2: M 46/10

◆For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to depository Libraries

Page 33



## GOVERNMENT PUBLICATIONS

- 12444 Farm credit act of 1971, hearings before Subcommittee on Agricultural Credit and Rural Electrification, 92d Congress, 1st session, on S. 1483, May 17-20, 1971. vi+464 p. † ● Item 1032  
L.C. card 70-613510 Y 4.Ag 8/2: F 22/28/971

### *Armed Services Committee Senate* Washington, DC 20510

- 12445 Fiscal year 1972 authorization for military procurement, research and development, construction and real estate acquisition for SAFEGUARD ABM and reserve strengths, hearings, 92d Congress, 1st session, on S. 939 (H.R. 8687). † ● Item 1034 Y 4.Ar 5/3: P 94/6/972/pt. (nos).  
pt. 1. Authorizations, Mar. 15-May 7, 1971. 1971. ii+1192+xxxi p. ii.  
pt. 2. Authorizations, Mar. 15-May 7, 1971. 1971. ii+1193-2079+xxv p. ii.
- 12446 Investigation into electronic battlefield program, report of Electronic Battlefield Subcommittee of Preparedness Investigating Subcommittee, 92d Congress, 1st session. 1971. v+20 p. (Committee print, 92d Congress, 1st session.) ‡  
L.C. card 72-611750 Y 4.Ar 5/3: B 32/2

### *Commerce Committee, Senate* Washington, DC 20510

[Committee hearings] serial, 92d Congress. † ● Item 1041

- Y 4.C 73/2: 92- (nos.)
- 12447 -6. Federal election campaign act of 1971, hearings before Subcommittee on Communications, 92d Congress, 1st session, on S. 1, S. 382, and S. 956.  
L.C. card 79-612189  
App. A. Mar. 2-Apr. 1, 1971. 1971. viii+687-1004 p.
- 12448 8. Consumer products warranties and improvement act of 1971, hearings before Consumer Subcommittee, 92d Congress, 1st session, on S. 986, Mar. 9-22, 1971. 1971. iv+309 p.  
L.C. card 71-618606

### *District of Columbia Committee, Senate* Washington, DC 20510

- 12440 Judicial nominations for District of Columbia Court of Appeals, hearing, 92d Congress, 1st session, on nominations of Hubert B. Pair and J. Walter Yeagley, May 11, 1971. 1971. iii+48 p. † ● Item 1036  
L.C. card 72-613503 Y 4.D 63/2: C 83/4
- 12450 Legislation for Nation's Capital, report of activities in 91st Congress, 1969-70 (pursuant to S. Res. 84 and 325). 1971. iv+72 p. (Committee print, 92d Congress, 1st session.) †  
L.C. card 76-611175 Y 4.D 63/2: L 52

### *Equal Educational Opportunity, Select Committee on, Senate* Washington, DC 20510

- 12451 Equal educational opportunity, hearings, 92d Congress, 1st session.  
pt. 9A. San Francisco and Berkeley, Calif., Mar. 3-6, 1971. vi+3975-4512 p. ii.  
[Hearings held in San Francisco, Calif.] \* Paper, \$2.25. ● Item 1009  
L.C. card 70-608401 Y 4.Eq 2: Eq 2/pt.9A

### *Finance Committee, Senate* Washington, DC 20510

- 12452 Foreign trade, hearings before Subcommittee on International Trade, 92d Congress, 1st session, on world trade and investment issues. ● Item 1038  
L.C. card 79-613746 Y 4.F 49: F 76/8/pt. (nos.)  
pt. 1. Oral testimony, May 17-21, 1971. 1971. vii+1-576 p. ii. \* Paper, \$2.50.  
pt. 2. Appendixes, May 17-21, 1971. 1971. vii+577-1055 p. ii. \* Paper, \$1.75.
- 12453 National health insurance, brief outline of pending bills; Apr. 26, 1971. 1971. iv+18 p. (Committee print, 92d Congress, 1st session.) \* Paper, 15c.  
L.C. card 75-613737 Y 4.F 49: H 34/3

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# AUGUST 1971

- 12454 Sugar act amendments of 1971, hearings, 92d Congress, 1st session, on H.R. 8868. † ● Item 1038  
L.C. card 72-613597 Y 4.F 49: Su 3/9/971/pt.1,2  
pt. 1. June 16-21, 1971. 1971. viii+1-531 p. II.  
pt. 2. June 22, 1971 and written testimony. 1971. viii+533-1219 p. II.

## Foreign Relations Committee, Senate Washington, DC 20510

- 12455 Greece, Feb. 1971, staff report; Mar. 4, 1971. 1971. vi+16 p. (Committee print, 92d Congress, 1st session.) †  
L.C. card 71-612215 Y 4.F 76/2: G 81/2
- 12456 International wheat agreement, 1971, hearings before Ad Hoc Subcommittee on International Wheat Agreement, 92d Congress, 1st session, on Executive F, June 15-29, 1971. 1971. iii+139 p. † ● Item 1039  
L.C. card 79-613691 Y 4.F76/2: In 8/18/971
- 12457 Interparliamentary Union, Monaco Conference, report of United States delegation to spring meeting of Interparliamentary Union, held in Monaco, Mar. 30-Apr. 4, 1970, pursuant to law (22 U.S.C. 276, as amended; Aug. 6, 1970. 1970. v+25 p. (Committee print, 91st Congress, 2d session.) †  
L.C. card 72-611123 Y 4.F76/2: In 8/31/970
- 12458 U.S. Foreign Service scholarship program, hearing, 92d Congress, 1st session, on S. 390, June 18, 1971. 1971. iv+89 p. † ● Item 1039  
L.C. card 78-613699 Y 4.F 76/2: F 76/28

## Government Operations Committee, Senate Washington, DC 20510

- 12459 International negotiation, hearings before Subcommittee on National Security and International Operations, 92d Congress, 1st session.  
pt. 4. With Bernard Lewis, Mar. 17, 1971. 1971. iii+91-123 p. † ● Item 1037  
L.C. card 77-605706 Y 4.G 74/6: N 31/pt.4

## Interior and Insular Affairs Committee, Senate Washington, DC 20510

- 12460 Alaska native land claims, hearings, 92d Congress, 1st session on S. 35, S. 835 and S. 1571.  
pt. 2. Apr. 29, 1971. iv+389-591 p. II. map † ● Item 1040  
L.C. card 75-611917 Y 4.In 8/13: A1 1/21/971/pt.2
- 12461 Oversight-Redwood National Park, hearing before Subcommittee on Parks and Recreation, 92d Congress, 1st session, May 10, 1971. 1971. iii+49 p. †  
● Item 1040  
L.C. card 74-613604 Y 4.In 8/13: R 24/10

## Judiciary Committee, Senate Washington, DC 20510

- 12462 Executive impoundment of appropriated funds, hearings before Subcommittee on Separation of Powers, 92d Congress, 1st session, Mar. 23-25, 1971. 1971. ix+632 p. † ● Item 1042  
L.C. card 77-613740 Y 4.J 89/2: Im 7
- 12463 High cost of hospitalization, hearings before Subcommittee on Antitrust and Monopoly, 91st Congress, 2d session, pursuant to S. Res. 334.  
pt. 2. Blue Cross, Jan. 26-28, 1971. 1971. iii+308 p. II. † ● Item 1042  
L.C. card 76-612069 Y 4.J 89/2: H 79/pt.2
- 12464 War-related civilian problems in Indochina, hearing before Subcommittee to Investigate Problems Connected with Refugees and Escapees, 92d Congress, 1st session.  
pt. 3. Vietnam, Apr. 22, 1971. 1971. iii+91 p. † ● Item 1042  
L.C. card 70-613733 Y 4.J 89/2: In 2/8/pt.3

◆For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to depository Libraries

Page 35



# GOVERNMENT PUBLICATIONS

## *Labor and Public Welfare Committee, Senate* Washington, DC 20510

- 12465 Allocation of funds under title 1 of Elementary and secondary education act of 1965, as amended, fiscal year 1970, prepared for Subcommittee on Education; Dec. 1970. 1970. iii+163 p. 4° (Committee print, 91st Congress, 2d session.) †  
L.C. card 76-611132 Y 4.L 11/2: E1 2/9/970
- 12466 Education amendments of 1971, hearings before Subcommittee on Education, 92d Congress, 1st session, on S. 659. † ● Item 1043  
L.C. card 76-613512 Y 4.L 11/2: Ed 8/27/pt. (nos.)  
pt. 2. Mar. 4-Apr. 21, 1971. 1971. viii+695-1219 p.  
pt. 3. Apr. 22-27, 1971. 1971. v+1221-1675 p. ll.  
pt. 4. Apr. 28-May 6, 1971. 1971. v+1677-2177 p.
- 12467 Evaluation of Administration on Aging and conduct of White House Conference on Aging. See Aging, Special Committee on, Senate.
- 12468 Health manpower legislation, 1971, hearings before Subcommittee on Health, 92d Congress, 1st session, S. 934, S. 1747 and related bills, May 3-10, 1971. 1971. viii+925 p. ll. † ● Item 1043  
L.C. card 76-613685 Y 4.L 11/2: M 31/14
- 12469 Implementation of Alcoholism act, hearing before Subcommittee on Alcoholism and Narcotics, 92d Congress, 1st session, on inquiry into plans for implementation of Comprehensive alcohol abuse and alcoholism prevention, treatment, and rehabilitation act of 1970 (Public law 91-616), and related matters, Mar. 18, 1971. 1971. iv+300 p. † ● Item 1043  
L.C. card 75-613560 Y 4.L 11/2: A1 1/5
- 12470 National Science Foundation authorization act of 1972, hearing before Special Subcommittee on National Science Foundation, 92d Congress, 1st session, on S. 1968 [and] S. 1168, June 2, 1971. 1971. iv+714 p. ll. † ● Item 1043  
L.C. card 72-613617 Y 4.L 11/2: N 21 sc/2/972

## *Post Office and Civil Service Committee, Senate* Washington, DC 20510

- 12471 Nomination of Mrs. Jayne Baker Spain to be Civil Service Commissioner, hearing, 92d Congress, 1st session, June 7, 1971. 1971. iii+7 p. † ● Item 1044  
L.C. card 74-613620 Y 4.P 84/11: Sp 1
- 12472 Revenue foregone appropriations, hearing, 92d Congress, 1st session, June 28, 1971. 1971. iii+35 p. † ● Item 1044 Y 4.P 84/11: R 32/2

## *Public Works Committee, Senate* Washington, DC 20510

- [Committee publications] serial, 92d Congress. Y 4.P 96/10: 92- (nos.)
- 12473 7. Watershed work plan for watershed protection and flood prevention, Sander-  
son Canyon Watershed, Terrell, Pecos and Brewster Counties, Tex.,  
report of Soil Conservation Service, Department of Agriculture in accord-  
ance with provisions of Public law 82-566; Feb. 1971. 1971. xxvii+59  
p. ll. 5 pl. 4° (Committee print, 92d Congress, 1st session.) †  
L.C. card 74-613750
- 12474 H8. Nomination of Donald W. Whitehead, hearing, 92d Congress, 1st session,  
Feb. 25, 1971. 1971. iii+6 p. † ● Item 1045  
L.C. card 76-611439
- 12475 H13. To review proposed demolition of old Post Office Building and other land-  
mark buildings, hearing before Subcommittee on Public Buildings and  
Grounds, 92d Congress, 1st session, Apr. 21, 1971. 1971. iii+98 p. ll. 1 pl.  
† ● Item 1045  
L.C. card 74-613568
- 12476 H15. Projects of Corps of Engineers and Soil Conservation Service, hearings  
before Subcommittee on Flood Control, Rivers and Harbors, 92d Con-  
gress, 1st session, Apr. 27-May 25, 1971. 1971. v+114 p. ll. map †  
● Item 1045  
L.C. card 76-613618

\*For Sale by Superintendent of Documents  
†Distribution Made by Issuing Office  
‡Official Use. Not Available

# AUGUST 1971

## Rules and Administration Committee, Senate Washington, DC 20510

- 12477 Federal election campaign act of 1971, hearings before Subcommittee on Privileges and Elections, 92d Congress, 1st session, on S. 382, May 24 and 25, 1971. 1971. iv+204 p. † • Item 1046  
L.C. card 70-613689 Y 4.R 86/2: E1 2/3
- 12478 Senate inquiries and investigations, 89th, 90th and 91st Congresses, authorizations to Jan. 31, 1971, expenditures to Dec. 31, 1970, staff study. 1971. viii+89 p. (Committee print.) †  
L.C. card 77-601977 Y 4.R 86/2: In 7/970
- 12479 Standing rules of United States Senate and provisions of Legislative reorganization acts of 1946 and 1970 relating to operation of Senate; Jan. 3, 1971. 1971. x+181 p. 12° †  
L.C. card 75-611976 Y 4.R 86/2: R 86/4

## Small Business, Select Committee on, Senate Washington, DC 20510

- 12480 Competitive problems in drug industry, hearings before Subcommittee on Monopoly, 92d Congress, 1st session, on present status of competition in pharmaceutical industry. • Item 1049  
L.C. card 67-62381 Y 4.Sm 1/2: D 84/pt. (nos.)  
pt. 20. Government procurement (v. 3), Jan. 18-Feb. 3, 1971. 1971. viii+7965-8230 p. • Paper, \$1.25.  
pt. 21. Government procurement (v. 4), appendixes. 1971. viii+8233-8508 p. ii. • Paper, \$1.25.
- 12481 Impact of crime on small business, 1970-71, hearings, 91st Congress, 2d session and 92d Congress, 1st session.  
pt. 3. Cargo theft, trucking industry, June 25, 1970 [and] June 8, 1971. 1971. iv+583-810 p. ii. • Paper, \$1.00. • Item 1049  
L.C. card 77-613732 Y 4.Sm 1/2: C 86/3/970-71/pt.3

## CONSUMER AND MARKETING SERVICE, Agriculture Dept. Washington, DC 20250

- C&MS (series). † A 88.40/2: (nos.)
- 12482 14. Fresh fruit and vegetable shipments by commodities, States, months, calendar year 1970. June 1971. 20 p. 4° (Fruit and Vegetable Division, Market News Branch.) • Item 19-A
- 12483 89. Plant variety protection act. [May 1971.] [6] p. ii. narrow 8° (Plant Variety Protection Office.)
- C&MS meat and poultry inspection program: Publication.
- 12484 71-7. Program issuances [Apr. 4-17, 1971]. [1971.] [56] p. 4° [Issued in looseleaf form.] † • Item 21-T A 88.17/8: 71-7
- PMG (series).
- 12485 21. 1971 egg marketing guide for Jan.-June 1972. [1971.] 8 p. 4° † • Item 18-D A 88.26/5: 21

## COPYRIGHT OFFICE, Library of Congress Washington, DC 20540

- 12486 Catalog of copyright entries, 3d series, v. 22. • Paper, \$50.00 a yr. (including semiannual issues of pts. 1-13); \$12.50 additional for foreign mailing.  
pt. 2. Periodicals, Jan.-Dec. 1968. 1971. vii+496 p. 4° • Paper, \$5.00.  
L.C. card 6-35347  
NOTE.—Part 2 also sold separately on subscription. • Paper, \$5.00; \$1.25 additional for foreign mailing.
- Circulars. † • Item 802-A LC 3.4/2: (nos.)
- 12487 1. General information on copyright. [June 1971.] cover title, 11 p.
- 12488 1A. Copyright Office. [Jan. 1971.] cover title, [3] p. oblong 4°

♣For Sale by National Technical Information Service,  
Springfield, VA 22151  
•Sent to depository Libraries

# GOVERNMENT PUBLICATIONS

## DEFENSE DEPARTMENT Washington, DC 20301

- 12489 Annual report of U.S. Court of Military Appeals and Judge Advocates General of Armed Forces and General Counsel of Department of Transportation, pursuant to Uniform code of military justice for period of Jan. 1-Dec. 31, 1970. [1971.] cover title, [2]+38 p. ‡ • Item 311-A  
D 1.19: 970
- Cataloging handbook H (series). (Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.]
- 12490 8-2. Nongovernment organization codes for military standard contract administration procedures [MILSCAP], United States and Canada: Code to name; prepared by Directorate of Item Identification, June 1971. v+(5)+1222+195 p. 4° ([Army Dept. supply bulletin SB 708-82; General Services Administration GSA-FSS 8-2.]) [Supersedes SB 708-82, May 1970, including C6, Dec. 1970 supplement.] ‡(Information incorrect in publication as to sale by Superintendent of Documents). • Item 314-A  
D 7.6/2: 8-2/2
- Cataloging manual M (series). (Defense Logistics Services Center, Battle Creek, Mich.) [Issued in looseleaf form.]
- 12491 1-7. Federal manual for supply cataloging: chap. 7. Format, content, and preparation of Federal supply catalog publications. Nov. 1970. cover title, [130] p. II. 4° (AR 708-17.) [Text on p. 2 of cover. Not effective until Jan. 1972.] \* Paper, \$1.25 (S/N 0807-1651) • Item 314-A  
D 7.6/3: 1-7/5
- 12492 Citators and index to court-martial reports, complete cumulation of tables of cases reported, tables of cases and opinions cited, tables of orders, laws, and regulations cited, and indexes appearing in court-martial reports covering v. 36-40, Judge Advocates General of Armed Forces and Court of Military Appeals, 1965-69; [prepared by editorial staff of Lawyers Co-operative Publishing Company, Rochester, N.Y. [1971.] xi+270 p. †(Price upon application), Lawyers Co-operative Publishing Co., Rochester, N.Y.  
D 1.29: 36-40/citators
- 12493 Defense disposal manual: Change 22. May 7, 1971. [106] p. 4° (DoD 4160.21-M; DSAH-SM; Defense Supply Agency.) [Issued in looseleaf form. \* Paper, \$1.25 (S/N 0807-1638). • Item 314-A  
D 7.6/8: 4160.21-M/ch.22
- 12494 — Change 23. May 10, 1971. [8] p. 4° (DoD 4160.21-M, DSAH-SM; Defense Supply Agency.) [Issued in looseleaf form.] \* Paper, 10c. (S/N 0807-1673). • Item 314-A  
D 7.6/8: 4160.21-M/ch.23
- 12495 — Change 24. June 10, 1971. [28] p. 4° (DoD 4160.21-M; DSAH-SM; Defense Supply Agency.) [Issued in looseleaf form.] \* Paper, 25c. (S/N 0807-1667). • Item 314-A  
D 7.6/8: 4160.21-M/ch.24
- Defense Supply Agency handbook DSAH (series).
- 12496 4160.1. Defense scrap yard handbook, Change 1. May 25, 1971. [26] p. 4° ([Army Dept.] TM 735-200; [Navy Dept.] NAVSUP PUB 3523; [Air Force Dept.] AFM 68-3; [Marine Corps] MCO P4010.2A.) [Issued in looseleaf form.] \* Paper, 25c. (S/N 0807-1668). • Item 314-A  
D 7.6/7: 4160.1/2/ch.1
- Defense Supply Agency Manual DSAM (series).
- 12497 4145.1. See, Army Department, Technical manual 743-200.
- 12498 Federal item identification guide: Aircraft and vehicular steering, axle, wheel, and tract components. June 25, 1971. cover title, [219] p. II. 4° (INTERIM FIIG T307; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, \$1.75. • Item 314-A  
D 7.6/4: A1 7/4
- 12499 — Biologicals. June 25, 1971. cover title, [99] p. 4° (INTERIM FIIG T088; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, \$1.00. • Item 314-A  
D 7.6/4: B 52

\*For Sale by Superintendent of Documents

‡Distribution Made by Issuing Office

‡Official Use. Not Available

# August 1971

- 12500 — Bolt, fluid passage. June 4, 1971. cover title, [67] p. il. 4° (FIIG A121; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 70c. ● Item 314-A  
D 7.6/4: B 63/2
- 12501 — Chemical products. June 18, 1971. cover title, [56] p. 4° (INTERIM FIIG T093; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 65c. ● Item 314-A  
D 7.6/4: C 42/5
- 12502 — Circuit breakers. June 18, 1971. cover title, [101] p. il. 4° (FIIG A030; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, \$1.00. ● Item 314-A  
D 7.6/4: C 49
- 12503 — Controls and associated equipment. June 4, 1971. cover title, [72] p. il. 4° (FIIG A317; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 75c. ● Item 314-A  
D 7.6/4: C 76/13
- 12504 — Counters, rotating and reciprocating. Apr. 23, 1971. cover title, [72] p. il. 4° (FIIG A122; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 75c. ● Item 314-A  
D 7.6/4: C 83/4
- 12505 — Craftsmens measuring tools. June 18, 1971. cover title, [143] p. il. 4° (INTERIM FIIG T299; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, \$1.25. ● Item 314-A  
D 7.6/4: C 84
- 12506 — Cylinder and cylinder assemblies, hydraulic and pneumatic. June 11, 1971. cover title, [84] p. il. 4° (FIIG A342; Defense Supply Agency; Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, \$1.00. ● Item 314-A  
D 7.6/4: C 90
- 12507 — Dental instruments, equipment and supplies. June 25, 1971. cover title, [308] p. il. 4° (INTERIM FIIG T243; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) \* Paper, \$2.75. ● Item 314-A  
D 7.6/4: D 43
- 12508 — Distributors and magnetos, ignition. June 4, 1971. cover title, [56] p. il. 4° (FIIG A122; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 65c. ● Item 314-A  
D 7.6/4: D 63
- 12509 — Electric and electronic bases, holders, and supports. June 4, 1971. cover title, [21] p. 4° (INTERIM FIIG T081; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 35c. ● Item 314-A  
D 7.6/4: E1 2/13
- 12510 — Electrical rotating machinery. June 4, 1971. cover title, [104] p. il. 4° (FIIG A271; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, \$1.00. ● Item 314-A  
D 7.6/4: E1 2/14
- 12511 — Fastening devices, Apr. 2, 1971, Change 1. July 26, 1971. [2] p. 4° (FIIG T319; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] † ● Item 314-A  
D 7.6/4: F 26/3/ch.1
- 12512 — Fittings, hose, pipe and tube. June 18, 1971. cover title, [185] p. il. 4° (INTERIM FIIG T385; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, \$1.75. ● Item 314-A  
D 7.6/4: H 79/7
- 12513 — Fuels, liquid and solid. June 4, 1971. cover title, [71] p. 4° (INTERIM FIIG T095; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 75c. ● Item 314-A  
D 7.6/4: F 95

◆For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to depository Libraries

Page 39

# GOVERNMENT PUBLICATIONS

- 12514 Federal item identification guide: Furniture, general household and office. June 11, 1971. cover title, [38] p. il. 4° (FIIG A123; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 1.25. ● Item 314-A D 7.6/4: F 98/8
- 12515 — Gases, compressed and liquefied. May 28, 1971. cover title, [29] p. 4° (INTERIM FIIG T091; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 40c. ● Item 314-A D 7.6/4: G 21/4
- 12516 — Gloves, mittens, and sleeves. Apr. 30, 1971. cover title, [56] p. 4° (INTERIM FIIG T178; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 65c. ● Item 314-A D 7.6/4: G 51
- 12517 — Hand tools, powered and non-powered. June 18, 1971. cover title, [675] p. il. 4° (INTERIM FIIG T294; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, \$5.25. ● Item 314-A D 7.6/4: H 19/4
- 12518 — Handcranks and handwheels. June 11, 1971. cover title, [112] p. il. 4° (FIIG A253; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) \* Paper, \$1.25. ● Item 314-A D 7.6/4: H 19/3
- 12519 — Hardware; builders and cabinet. June 18, 1971. cover title, [258] p. il. 4° (INTERIM FIIG T373; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, \$2.25. ● Item 314-A D 7.6/4: H 22/7
- 12520 — Hoisting equipment. June 18, 1971. cover title, [115] p. il. 4° (INTERIM FIIG T215; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, \$1.25. ● Item 314-A D 7.6/4: H 68
- 12521 — Hospital and medical bags, cases, covers, and pads. June 18, 1971. cover title, [76] p. 4° (INTERIM FIIG T087; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 75c. ● Item 314-A D 7.6/4: H 79/9
- 12522 — Hospital furniture, equipment, utensils, and supplies. June 18, 1971. cover title, [92] p. 4° (INTERIM FIIG T265; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, \$1.00. ● Item 314-A D 7.6/4: H 79/8
- 12523 — Lumber, millwork, plywood, and veneer. June 11, 1971. cover title, [157] p. il. 4° (INTERIM FIIG T342; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, \$1.50. ● Item 314-A D 7.6/4: L 97
- 12524 — Medical and dental assemblies, kits, sets, and units. June 25, 1971. cover title, [261] p. il. 4° (INTERIM FIIG T107; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, \$2.00. ● Item 314-A D 7.6/4: M 46/4
- 12525 — Medical and surgical instruments, equipment, and supplies. June 25, 1971. cover title, [419] p. il. 4° (INTERIM FIIG T133; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, \$14.00 a yr., \$3.50 additional for foreign mailing; single copy, \$3.50. ● Item 314-A D 7.6/4: M 46/5
- 12526 — Miscellaneous chemical specialties. June 18, 1971. cover title, [83] p. 4° (INTERIM FIIG T089; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, \$1.00. ● Item 314-A D 7.6/4: C 42/6
- 12527 — Opticians instruments equipment and supplies. June 18, 1971. cover title, [164] p. il. 4° (INTERIM FIIG T146; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, \$1.50. ● Item 314-A D 7.6/4: Op 7/2

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# AUGUST 1971

- 12528 — Pest control agents and disinfectants. June 4, 1971. cover title, [59] p. 4° (INTERIM FIIG T090; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 70c. ● Item 314-A D 7.6/4: P 43
- 12529 — Rheostats and rheostat plates. Apr. 23, 1971. cover title, [44] p. il. 4° (FIIG A125; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 75c. ● Item 314-A D 7.6/4: R 34
- 12530 — Saturable reactors and magnetic amplifiers. June 4, 1971. cover title, [52] p. il. 4° (FIIG A109; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 60c. ● Item 314-A D 7.6/4: Sa 8
- 12531 — Shaft, propulsion, ship. June 11, 1971. cover title, [37] p. 4° (INTERIM FIIG T080; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 50c. ● Item 314-A D 7.6/4: Sh 1/2
- 12532 — Shafts. June 18, 1971. cover title, [139] p. il. 4° (INTERIM FIIG T246; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, \$1.25. ● Item 314-A D 7.6/4: Sh 1/3
- 12533 — Shielding gasket, electronic. May 28, 1971. cover title [39] p. il. 4° (INTERIM FIIG T086; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 50c. ● Item 314-A D 7.6/4: Sh 6/2
- 12534 — Vehicles and trailers. June 18, 1971. cover title, [312] p. il. 4° (INTERIM FIIG T277; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, \$2.75. ● Item 314-A D 7.6/4: V 53/4
- 12535 — X-ray equipment and supplies, medical, dental, and veterinary. June 25, 1971. cover title, [193] p. il. 4° (INTERIM FIIG T140; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, \$1.75. ● Item 314-A D 7.6/4: X 1
- 12536 Introduction to military program management; prepared by Logistics Management Institute. Mar. 1971. cover title, [2]+iii+96 p. il. 4° [LMI task 69-28, Defense Dept. contract SD-271.] \* Paper, \$1.00. (S/N 0800-0155). ● Item 306 D 1.2: M 50/8
- Military standard MIL STD (series). [Issued with perforations.] ‡  
● Item 314-J D 7.10: (nos.)
- 12537 129E. Marking for shipment and storage. Change notice 3. May 21, 1971. [60] p. il. 4° (FSC PACK)
- 12538 188-340. Long haul communications standards, equipment technical design standards for voice orderwire multiplex. May 21, 1971. iv+8 p. il. 4° (SLHC)
- 12539 196C. Joint electronics type designation system. Apr. 22, 1971. v+55 p. 4° (MISC.) [Supersedes MIL-STD 196B, Apr. 7, 1965.]
- 12540 1285. Marking of electrical and electronic parts, notice 2. May 21, 1971. 2+11 p. 4° (Project MISC-0757)
- 12541 1311A. Test method for electron tubes, Notice 2. Feb. 10, 1971. 1 p. 4° (FSC 5960.)
- 12542 1368(BC). Lampholders, indicator lights, edge lights, and associated hardware. May 17, 1971. vi+44 p. il. 4° (FSC-6210.)
- 12543 1373. Screw-thread, modified, 60° stub, double. Apr. 8, 1971. iii+14 p. il. 4° (FSC MISC.) [Supersedes MIL-S-23747B (ships), Oct. 15, 1965.]
- 12544 1452. Gaging, general principles of. Dec. 8, 1970. 2 p. 4° (FSC 5220.)
- 12545 001310B (Ships). Shipboard bonding, grounding, and other techniques for electromagnetic compatibility and safety. Apr. 15, 1971. vii+52 p. il. 4° (FSC EMCS.) [Used in lieu of MIL-Std 1310A (Navy) Dec. 27, 1967.]
- 12546 [MILSTRIP], supp. 2, Military assistance program address directory, Sept. 1, 1970: Change 8. May 1, 1971. (DoD 4140.17-M; Defense Supply Agency.) [Issued in looseleaf form.] \* Paper, 70c. ● Item 314-A D 7.6/4: M 59/supp.2/rev.-4/ch.8

For Sale by National Technical Information Service,  
Springfield, VA 22151

Sent to depository Libraries

Page 41



## GOVERNMENT PUBLICATIONS

- 12547 [MILSTRIP], supp. 2, Military assistance program address directory, Sept. 1, 1970: Change 10, July 1, 1971. [53] p. 4° (DoD 4140.17-M: Defense Supply Agency.) [Issued in looseleaf form.] \* Paper, 55c. (S/N 0807-1658). • Item 314-A D 7.6/4: M 50/supp.2/rev.-4/ch.10
- Plastics Technical Evaluation Center, Picatinny Arsenal, Dover, N.J.: PLASTEC report R (series).
- 12548 41. Applications of ionizing radiations in plastics and polymer technology [with list of references]; by Arthur F. Readdy, Jr. Mar. 1971. xiv+249+[2] p. ll. 4° [Issued with perforations.] \* Paper, \$5.00. D 4.11: 41
- 12549 Supplemental statement to report of Blue Ribbon Defense Panel, submitted to President and Secretary of Defense on shifting balance of military power. Sept. 30, 1970 [published 1971]. xi+[1]+35 p. 4° \* Paper, 30c. • Item 306
- L.C. card 79-613067 D 1.2: B 62/970/supp.

### DOMESTIC COMMERCE BUREAU, Commerce Dept. Washington, DC 20230

- 12550 Confectionary manufacturers' sales and distribution, 1970; [prepared by Marjorie D. Kennedy]. June 1971. iv+16 p. ll. 4° \* Paper, 20c. • Item 215-D C 41.19: 970
- 12551 Doing business with NATO, how U.S. companies can participate, construction, procurement, other business opportunities. [June 1971.] 11 p. narrow 8° † • Item 215 C 41.2: B 96/5/971
- 12552 Marketing and low income consumer [editors, Robert J. Holloway, Frederick D. Sturdivant]. [Revised edition]. [1971.] [4]+65 p. 4° \* Paper, 65c. (S/N 0308-0142). • Item 215-E C 41.12: M 34/4/971
- L.C. card 77-613862

### ECONOMIC DEVELOPMENT ADMINISTRATION, Commerce Dept. Washington, DC 20230

- 12553 Multijurisdictional planning areas in United States; prepared by Office of Planning Coordination. 2d edition, May 1971. [1971.] [63] p. 4° [Prepared in cooperation with Management and Budget Office, Executive Office of the President. Issued with perforations.] † C 46.2: P 60
- 12554 Remarks by Charles A. Fagan III, Deputy Assistant Secretary of Commerce for Economic Development, at dedication of community center, Fort Yuma Reservation, Calif., July 10, 1971. [1971.] 5 p. 4° † C 46.11: F 13/4

### ECONOMIC OPPORTUNITY OFFICE, Executive Office of the President Washington, DC 20506

#### OEO pamphlet.

- 12555 1405-11. OEO touches your life. [June 1971.] [18] p. ll. narrow 8° † • Item 857-H-17 PrEx 10.23: 1405-11
- 12556 Office of Economic Opportunity, annual report, fiscal years 1969-70. [1971.] vii+[1]+83 p. ll. 4° [Also issued as H. doc. 111, 92d Congress, 1st session.] † • Item 857-H-10 PrEx 10.1: 969-70

### ECONOMIC RESEARCH SERVICE, Agriculture Dept. Washington, DC 20250

#### Agricultural economic reports. • Item 42-C A 93.28: (nos.)

- 12557 50. Taxes paid by firms marketing farm food products; [by William T. Wesson and Henry L. Wong]. [Revised June 1971.] [1971.] iv+41 p. ll. 4° \* Paper, 40c.
- 12558 158. DDT used in farm production; [by Theodore Elchers, Robert Jenkins, and Austin Fox]. Revised July 1971. iv+7 p. ll. 4° \* Paper, 15c.
- 12559 208. Open-country poverty in relatively affluent area, East North Central States [with list of literature cited; by Jeannette Fitzwilliams]. [June 1971.] iv+56 p. 4° [Text on p. 2 of cover.] \* Paper, 65c. L.C. card 75-613595
- 12560 210. Lunch programs in Nation's schools; [by William H. Freund]. [June 1971.] [1]+iv+41 p. ll. 4° \* Paper, 40c. L.C. card 71-613594

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available



# August 1971

- 12561 U.S. foreign agricultural trade statistical report, calendar year 1970. [June 1971.] cover title, viii+337 p. 4° ([Trade Statistics and Analysis Branch, Foreign Development and Trade Division.]) [Supplement to Monthly Foreign agricultural trade of United States.] † ● Item 42-E A 93.17/3: 970-2

## EDUCATION OFFICE, Health, Education, and Welfare Dept. Washington, DC 20202

- 12562 Data gathering, time for planning, by S. P. Marland, jr., Commissioner of Education, Department of Health, Education, and Welfare. [1971.] 13 leaves, 4° [Presented before opening session at annual Commissioner's Conference of Council of Chief State School Officers, Washington, D.C., June 17, 1971.] † HE 5.8: M 34/9
- Day care program reprint series. † ● Item 460-A-20
- 12563 Findings; coordinated by Stephen J. Fitzsimmons and Mary P. Rowe. [1971.] [3]+1+81 p. 4° ([OE-20169]; National Center for Educational Communication.) [v. 1, from study in child care sponsored by Office of Economic Opportunity.] HE 5.220: 20169
- 12564 Good vibes, Haight-Ashbury Children's Center, San Francisco, Calif.; [by] Linda Elbow. [1971.] [3]+61 p. il. 4° ([OE-20178]; National Center for Educational Communication.) [Case study from v. 2-A, study in child care sponsored by Office of Economic Opportunity.] HE 5.220: 20178
- 12565 Hey, George, get yourself together, AVCO Day Care Center, Boston, Mass.; [by] Patricia Bergstein. [1971.] [3]+38 p. il. 4° ([OE-20172]; National Center for Educational Communication.) [Case study from v. 2-A, study in child care sponsored by Office of Economic Opportunity.] HE 5.220: 20172
- 12566 House full of children, Ute Indian Tribe day care center, Fort Duchesne, Utah; [by] Sally Zeckhauser [and] Richard R. Ruopp. [1971.] [4]+51 p. il. 4° ([OE-20181]; National Center for Educational Communication.) [Case study from v. 2-A, study in child care sponsored by Office of Economic Opportunity.] HE 5.220: 20181
- 12567 More than just baby-sitting, Casper Day Care Center, Casper, Wyo.; [by] Richard R. Ruopp [and] Brigid O'Farrell. [1971.] [4]+60 p. il. 4° ([OE-20173]; National Center for Educational Communication.) [Case study from v. 2-A, study in child care sponsored by Office of Economic Opportunity.] HE 5.220: 20173
- 12568 Somewhere secure, Neighborhood Centers Day Care Association, Houston, Tex.; [by] Kristine Rosenthal. [1971.] [3]+52 p. il. 4° ([OE-20187]; National Center for Educational Communication.) [Case study from v. 2-B, study in child care sponsored by Office of Economic Opportunity.] HE 5.220: 20187
- 12569 We come with the dust and we go with the wind, Northwest Rural Opportunities, Pasco, Wash. [1971.] [4]+67 p. 4° ([OE-20188]; National Center for Educational Communication.) [Case study from v. 2-B, study in child care sponsored by Office of Economic Opportunity.] HE 5.220: 20188
- 12570 Dropout prevention program, title 8, Elementary and secondary education act of 1965, manual for project applicants and grantees. Jan. 1971. cover title, vii+177 p. 4° † HE 5.6/2: D 83
- 12571 Focus on innovation, report on status and operation of ESEA title 3, fiscal year 1969; [prepared by Division of Plans and Supplementary Centers, Bureau of Elementary and Secondary Education.], 1971. ix+191 p. il. 4° ([OE-20168.]) \* Paper. \$1.50 (S/N 1780-0775). ● Item 460-A-20 HE 5.220: 20168
- 12572 Four programs for educational services to handicapped children. Jan. 1971. [7] p. il. narrow 8° ([OE-35009]; Board of Education for the Handicapped.) † ● Item 460-A-35 HE 5.235: 35009
- 12573 Higher education administration, annotated bibliography of research reports funded by Cooperative Research Act, 1956-1970; by Bernice R. Retzlaff. [1971.] viii+12 p. 4° (OE-12054; National Center for Educational Research and Development.) \* Paper, 30c. (S/N 1780-0791). ● Item 460-A-12 HE 5.212: 12054
- 12574 Opening fall enrollment in higher education 1970, report on preliminary survey; by George H. Wade. [1970.] vi+84 p. il. 4° (OE-54003-70; National Center for Educational Statistics.) [Related NCES publications on p. 2 of cover. At head of title on cover: Higher education.] \* Paper, \$1.00 (S/N 1780-0790). ● Item 460-A-54 HE 5.254: 54003-70

✦For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to depository Libraries

# GOVERNMENT PUBLICATIONS

- 12575 Programs under Bilingual education act (title 7, ESEA), manual for project applicants and grantees. [Apr. 20, 1971.] v+202 p. 4° [(OE-4491-6); OMB-51-RO38.) † • Item 461-A (Rev. 1965) HE 5.6/2: B 49

## ENGINEERS CORPS (Army), Defense Dept.

**NOTE.**—Orders or requests for publications of the Engineers Corps, other than those sold by the Supt. of Documents or by Division and District Engineers in other cities, should be addressed to the Department of the Army, Office of the Chief of Engineers, Publications Depot, 4300 Wheeler Ave., Alexandria, VA 22304

- 12576 Big Muddy River, comprehensive basin study, appendix K, agriculture; prepared by Agriculture Department, represented by Economic Research Service, Forest Service, [and] Soil Conservation Service. 1968. cover title, [212] p. il. 4° (Army Engineer District, St. Louis, Mo.) [Prepared in cooperation with Agriculture committee composed of representatives from Army and Interior Departments, and Department of Business and Economic Development, State of Illinois. Includes addendum 1 to appendix K.] [Some illustrations are colored.] ‡ D 103.2: B 48/app.K
- Coastal Engineering Research Center: Technical memorandum.
- 12577 34. Geomorphology and sediments of Inner Continental Shelf, Palm Beach to Cape Kennedy, Fla. [with list of literature cited]; by Edward P. Meisburger and David B. Duane. Feb. 1971. vi+111+(5) p. il. 4° † Coastal Engineering Research Center, 5201 Little Falls Road, N.W., Washington, DC 20016 D 103.42: 34
- Cold Regions Research and Engineering Laboratory, Hanover, N.H.: Research report.
- 12578 294. Strength and deformability of rocks at low temperatures [with lists of literature cited; by] Malcolm Mellor. May 1971. v+75 p. il. 4° [DA task 1T062112A13001.] ‡ D 103.33/3: 294
- Special reports. D 103.33/2: (nos.)
- 12579 157. Caribou-Poker Creeks research watershed, interior Alaska, background and current status [with list of literature cited; by] Charles W. Slaughter. May, 1971. iii+13 p. il. 4° [DA task 4A062112A89401.]
- 12580 158. Composition and mass spectra of impurities in military grade TNT vapor [with list of literature cited]; by R. P. Murrmann, T. F. Jenkins and D. C. Leggett. May 1971. iii+17 p. il. 4° [DA task 1T061102B52A02; Project 1J062708A462.]
- Construction Engineering Research Laboratory, Champaign, Ill.: Technical manuscript.
- 12581 P-1. Airfield pavement systems [with list of references]; by E. Lile Murphree, jr., Ronald W. Woodhead, [and] Robert H. Wortman. Apr. 1971. iv+13+(7) p. il. 4° [Published in Aug. 1971 issue of Transportation Engineering Journal of ASCE and is reprinted with that society's special permission.] ‡ Paper, \$3.00. D 103.53/2: P-1
- 12582 Flood hazard information: San Felipe Creek, Del Rio, Tex. Jan. 1971. [1]+1+9 p. 7 pl. 4° [Prepared for City of Del Rio, Tex. by U.S. Army Corps of Engineers, Fort Worth District.] ‡ D 103.2: Sa 5f
- 12583 Flood plain information: Coastal flooding, town of Wachapreague, Va. Mar. 1971. [3]+ii+40 p. il. 8 pl. 4° [Prepared for town of Wachapreague, Va. by Corps of Engineers, U.S. Army, Norfolk District.] ‡ D 103.47: W 11/2
- 12584 — Cuyahoga River, Akron to Summit-Portage County line, Ohio. May 1971. cover title, [6]+ii+53 p. 13 pl. 4° [Prepared for Ohio Department of Natural Resources, Division of Water, and Tri-County Regional Planning Commission, by Corps of Engineers, U.S. Army, Buffalo District. Some plates are colored.] ‡ D 103.47: Ak 7
- 12585 — Maunabo River, vicinity of Maunabo, Puerto Rico. Oct. 1970. cover title, [3]+ii+27 p. il. 13 pl. 4° [Prepared for Commonwealth Department of Public Works, by Corps of Engineers, Jacksonville, Fla., District.] ‡ D 103.47: M 44
- 12586 — Mendenhall River, Juneau, Alaska. Apr. 1971. cover title, [7]+ii+23 p. il. 19 pl. 4° [Prepared for Greater Juneau Borough, by Corps of Engineers, U.S. Army, Alaska District.] ‡ D 103.47: J 95/971

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# AUGUST 1971

- 12587 — San Marcos Creek, vicinity of San Marcos, San Diego County, Calif. Apr. 1971. cover title, [7]+29 p. il. 29 pl. 4" [Prepared for San Diego County by Corps of Engineers, U.S. Army, Los Angeles District, Calif.] ‡ D 103.47: Sa 5 d/3
- 12588 — Umatilla River tributaries, McKay, Tutuilla, & Wildhorse Creeks, Pendleton, Oreg., and vicinity. Mar. 1971. cover title, v+44 p. il. 22 pl. 4" [Prepared for Umatilla County, Oreg., by Corps of Engineers, U.S. Army, Walla Walla, Washington District.] ‡ D 103.47: P 37
- 12589 Floods in Pendleton, Oreg. and vicinity, McKay, Tutuilla and Wildhorse Creeks; prepared by Corps of Engineers, Walla Walla District. Mar. 1971. [2] p. il. f°, folded into narrow 8" size. ‡ D 103.47/2: P 37
- 12590 Floods on Cuyahoga River, Akron to Summit-Portage County Line, Ohio, avoid high damages. May 1971. [2] p. il. oblong 8", folded into narrow 8" size. [Brief summary of information in Flood plain information for Cuyahoga River, Akron to Summit-Portage County Line.] ‡ D 103.47/2: Ak 7
- 12591 Floods on Lemon Creek in vicinity of Juneau, Alaska; prepared by Corps of Engineers, U.S. Army, Alaska District. Mar. 1971. [2] p. il. narrow f°, folded into narrow 8" size. [Prepared from data in Flood plain information, Lemon Creek, Juneau, Alaska.] ‡ D 103.47/2: J 95/971
- 12592 Floods on Mendenhall River in vicinity of Juneau, Alaska; prepared by Corps of Engineers, U.S. Army, Alaska District. Apr. 1971. [2] p. narrow il., f°, folded into narrow 8" size. [Prepared from data in Flood plain information, Mendenhall River, Juneau, Alaska.] ‡ D 103.47/2: J 95/2/971
- 12593 Ohio River, floods in Dearborn County, Ind., how to avoid damage. Jan. 1970. [2] p. il. oblong f°, folded into narrow 8" size. [Prepared for Lawrenceburg, Aurora and Dearborn County, Planning Commission by Corps of Engineers from data in Flood plain information, Ohio River, Dearborn County, Ind.] ‡ D 103.47/2: D 34
- 12594 Special flood hazard information report: Red Arroyo, San Angelo, Tex. Jan. 1971. [1]+12 leaves, 8 pl. 4" [Prepared for City of San Angelo, Tex. by U.S. Army Corps of Engineers, Fort Worth District.] ‡ D 103.2: R 24/4
- 12595 Stages and discharges of Mississippi River and tributaries in Memphis district, 1969. Army-MRC, Vicksburg, Miss. [1971.] xv+220+[2] p. 4" (Army Engineer District, Memphis.) ‡ Paper, \$1.25, District Engineer, Department of Army, Memphis District, Corps of Engineers, 668 Federal Building, Memphis, TN 38103 D 103.45/2: 969
- 12596 Tybee Island, Ga., letter from chief of engineers, Army, submitting report: May 5, 1971. [1971.] xiii+66 p. 1 pl. 4" [Also issued as H. doc. 105, 92d Cong., 1st sess.] ‡ ● Item 334-A D 103.22: T 95/2
- 12597 Water resources development by Army Corps of Engineers in District of Columbia. Jan. 1971. cover title, [5]+x+23 p. il. 1 pl. 4" (North Atlantic Division.) ‡ D 103.35: D 63
- 12598 Water resources development by Army Corps of Engineers in Maryland. Jan. 1971. cover title, [5]+x+82 p. il. 2 maps, 4" (North Atlantic Division.) ‡ D 103.35: M 36
- 12599 Water resources development by Army Corps of Engineers in Pennsylvania. Jan. 1971. cover title, [6]+x+104 p. il. map 4" (North Atlantic Division.) ‡ D 103.35: P 38/971
- 12600 Waterborne commerce of United States, calendar year 1969: pt. 1, Waterways and harbors, Atlantic Coast. [1971.] viii+259 p. il. 4" [Compiled under supervision of Division Engineer, U.S. Army Engineer Division, Lower Mississippi Valley, Corps of Engineers, Vicksburg, Miss.] ‡ Paper, \$1.50, Division Engineer, U.S. Army Engineer Division, New England, 424 Trapelo Rd., Waltham, MA 02154, or District Engineer, U.S. Army Engineer District, New Orleans, P.O. Box 60267, New Orleans, LA 70170 D 103.1/2: 969/pt.1

✦For Sale by National Technical Information Service,  
Springfield, VA 22151  
●Sent to depository Libraries

Page 45

## GOVERNMENT PUBLICATIONS

### Waterways Experiment Station

**NOTE.**—Unless otherwise indicated, publications of Waterways Experiment Station may be ordered from Corps of Engineers, U.S. Army, Waterways Experiment Station, Vicksburg, Miss. (price upon application).

Waterways Experiment Station: Miscellaneous papers. ‡

D 103.24/4: (nos.)

- 12601 S-69-11. Expedient surfacing and drainage of roads, streets, and parking and storage areas in theater of operations, report 2, test conducted between Aug. 1968 and July 1969; by C. D. Burns and V. C. Barber. Army-MRC Vicksburg, Miss., Feb. 1971. [74] p. ll. 4\* [Sponsored by Office, Chief of Engineers, Army, Directorate of Military Construction, project Q6-1, task 04.]
- 12602 S-71-7. Evaluation of Kaiser production aluminum honeycomb landing mat [with list of literature cited]; by C. T. McCormick. Army-MRC Vicksburg, Miss., Mar. 1971. [80] p. ll. 4\* [Sponsored by Army Materiel Command.]
- 12603 S-71-15. Investigation of pavement surface cracking, Amedee Army Airfield, Herlong, Calif.; by P. J. Vedros. Army-MRC Vicksburg, Miss. May 1971. vii+6 p. 12 pl. 4\* [Sponsored by Office, Chief of Engineers, Army.] [Project 4DM78012AQ61.]

### ENVIRONMENTAL DATA SERVICE, Commerce Dept. Washington, DC 20235

**NOTE.**—The Environmental Data Service was established within the National Oceanic and Atmospheric Administration of the Department of Commerce by Department Organization Order 25-5A, effective Oct. 9, 1970.

#### Climatography of United States 60-nos., Climates of States. ● Item 273-B C 55.221: (nos.)

- 12604 10. Climate of Idaho [with bibliography; by] Kenneth A. Rice. First printed Dec. 1959; revised Mar. 1971. [1971.] 18 p. ll. 4\* \* Paper, 30c. (S/N 0319-006)
- 12605 24. Climate of Montana [with bibliography; by] Grayson V. Cordell, jr. First printed Feb. 1960; revised Mar. 1971. [1971.] 21 p. ll. 4\* \* Paper, 30c. (S/N 0319-0005).
- 12606 36. Climate of Pennsylvania [with bibliography; by] Paul W. Dailey, jr. First printed Feb. 1960; revised Mar. 1971. [1971.] 24 p. ll. 4\* \* Paper, 30c. (S/N 0319-0004).
- 12607 44. Climate of Virginia [with bibliography; by] Curtis W. Crockett. [Nov. 1959, revised Mar. 1971.] [1971.] 1-5b, 6-25 p. ll. 4\* \* Paper, 30c. (S/N 0319-0003).

#### World Data Center A: Upper atmosphere geophysics, report UAG (series).

\* Paper, \$9.00 a yr.; \$2.50 additional for foreign mailing; single copies vary in price.

- 12608 12. Data on solar-geophysical activity associated with major geomagnetic storm of Mar. 8, 1970 [with lists of references]; compiled by J. Virginia Lincoln and Dale B. Bucknam. Apr. 1971. (Research Laboratories, NOAA, Boulder, Colo.) \* Paper, \$3.00 (3 pts.) C 55.220: 12/pt.1-3
- pt. 1. [1]+1-iv+1-178 p. ll. 4\*
- pt. 2. [1]+v-vii+179-311 p. ll. 4\*
- pt. 3. [1]+viii-x+312-465 p. ll. 4\*

### ENVIRONMENTAL PROTECTION AGENCY Washington, DC 20460

**NOTE.**—The Environmental Protection Agency was established by Reorganization plan 3 of 1970, effective Dec. 2, 1970.

- 12609 Advanced waste treatment and water refuse symposium, Dallas, Tex., Jan. 12-14, 1971, sponsored by Environmental Protection Agency, co-sponsored by Arkansas Pollution Control Commission, Louisiana Stream Control Commission, New Mexico Health and Social Services Department, Oklahoma Pollution Control Coordinating Board, Texas Water Quality Board [with bibliographies]. [1971.] ‡  
L.C. card 74-613639 EP 1.2: W 28/ sess.1-5
- Session 1. [72] p. ll. 4\*
- Session 2. [147] p. ll. 4\*
- Session 3. [114] p. ll. 4\*
- Session 4. [196] p. ll. 4\*
- Session 5. [105] p. ll. 4\*

\*For Sale by Superintendent of Documents

‡Distribution Made by Issuing Office

‡Official Use. Not Available

# August 1971

- 12610 National Capital region water and waste management report [with bibliography.] Apr. 1971. cover title, [359] p. il. 4° \* Paper, \$2.75 (S/N 5501-0057). • Item 431-I-1  
L.C. card 73-613731 EP 1.2: N 21 c

## EQUAL EMPLOYMENT OPPORTUNITY COMMISSION Washington, DC 20506

- 12611 Equal job opportunity, national goal. [1970.] 12 p. il. †  
Y 3.Eq 2: 2 J 57/3
- 12612 5th annual report, Equal Employment Opportunity Commission [fiscal year 1970]. [1971.] cover title, [4]+90 p. il. oblong 12° [Text on p. 2-3 of cover. Also issued as H. doc. 98, 92d Cong., 1st sess.] \* Paper, \$1.00 (S/N 5215-0016). • Item 1059-A-1 Y 3.Eq 2: 1/970
- 12613 [This entry number not used.] Y 3.Eq 2: 8 P 43

## FARM CREDIT ADMINISTRATION Washington, DC 20578

- 12614 37th annual report, 1969-70, Farm Credit Administration [and] Cooperative Farm Credit System. [1971.] viii+128 p. il. [Also issued as H. doc. 18, 92d Cong., 1st sess.] \* Paper, 60c. (S/N 1100-0006). • Item 430-J-1 FCA 1.1: 970

## FEDERAL AVIATION ADMINISTRATION, Transportation Dept. Washington, DC 20553

- 12615 Airman's information manual: pt. 4, Graphic notices and supplemental data, July-Dec. 1971. [1971.] cover title, [6]+11+60 p. il. 4° [Semi-annual. Issued with perforations.] \* Paper, \$1.50 a yr.; 50c. additional for foreign mailing. • Item 431-C-5 TD 4.12: pt.4/971-2
- 12616 Commuter air carrier operators as of Sept. 1970. [1971.] cover title, iv+72 p. il. 4° (Office of Management Systems, Information and Statistics Division.) † • Item 431-A-18 TD 4.35: 970
- 12617 Federal Aviation Administration offers excellent opportunities [to] engineers, aerospace, civil, electrical, electronic [and] mechanical. [Mar. 1971.] 10 p. il. narrow 12° † TD 4.2: En 3
- 12618 Federal policy and planning on aircraft environment; [by] John O. Powers. Apr. 1, 1971. [2]+14+[8] p. 4° (AV-1; Office of Environmental Quality.) † TD 4.2: En 8
- 12619 Inspecting airways. [1971.] [7] p. il. † • Item 431-C-8 TD 4.2: A1 7/7/971
- 12620 Instrument flight instructor written test guide. Revised 1971. [1971.] iv+43 p. il. 4° ([AC 61-29A.]) [Supersedes Instrument flight instructor written examination guide, AC 61-29, 1966.] \* Paper, 50c. (S/N 5007-0165). • Item 431-C-4 TD 4.8: In 7/5
- 12621 Jet engine noise data from subsonic aircraft, [Mar.-Apr. 1971]; by John O. Powers. [1971.] [50] p. il. 4° (Office of Environmental Quality.) [Prepared for International Short Course on Aircraft Noise Theory and Application, University of Tennessee, Mar. 15-20, 1971 and Technical University of Aachen, Mar. 29-Apr. 3, 1971.] † TD 4.2: J 51
- Office of Noise Abatement: Report FAA-NO (series).
- 12622 70-6. Digital computer program for computation of noise exposure forecast contours [with list of references]; by Richard D. Horonjeff, Allan Paul. June 1970. cover title, [149] p. il. 4° [Prepared under contract FA68WA-1900 by Bolt, Beranek and Newman, Inc., Van Nuys, Calif.] † TD 4.32/2: 70-6

♦For Sale by National Technical Information Service,  
Springfield, VA 22151  
•Sent to depository Libraries

Page 47

# GOVERNMENT PUBLICATIONS

- 12623 Report on systems maintenance program evaluation conducted in Alaskan region, Apr. 26-May 16, 1970. July 1970. cover title, [3]+ii+31+[11] p. 4° (Systems Maintenance Service.) ‡ TD 4.2: A1 1 s/2
- 12624 Safety in and around helicopters. May 7, 1971. [5] p. il. 4° (AC 91-32.) ‡ ● Item 431-C-4 TD 4.8: H 36/2
- 12625 Transportation and community values. Apr. 16, 1971. [3]+36 p. 4° ‡ TD 4.2: O 73/2

## FEDERAL BUREAU OF INVESTIGATION, Justice Dept. Washington, DC 20530

- 12626 Airlines and the FBI. [1971.] [1]+12 p. il. ‡ J 1.14/2: A1

## FEDERAL COMMUNICATIONS COMMISSION Washington, DC 20554

- 12627 Federal Communications Commission reports, decisions and reports, v. 22, 2d series, Mar. 27-May 22, 1970. 1971. xxvii+1049 p. \* Cloth, \$5.50. ● Item 284 CC 1.12/2: 22
- 12628 — v. 23, 2d series, May 29-July 17, 1970. 1971. xxviii+1046 p. \* Cloth, \$5.50 ● Item 284 CC 1.12/2: 23

## FEDERAL DEPOSIT INSURANCE CORPORATION Washington, DC 20429

- 12629 Bank operating statistics, 1969. [July 1970.] [584] p. 4° ‡ Y 3.F 31/8: 19/969

## FEDERAL HIGHWAY ADMINISTRATION, Transportation Dept. Washington, DC 20591

- 12630 Change-of-mode parking, state of the art; [prepared by Institute of Traffic Engineers Committee 6H-PA]. Apr. 1971. [5]+122 leaves, il. 4° ‡ L.C. card 71-612432 TD 2.2: P 22
- 12631 Highway construction usage factors for lumber, timber piling, petroleum products and explosives, 1967-60; [prepared by Office of Engineering and Operations, Construction and Maintenance Division, Contract Administration Branch]. [Mar. 1971.] [4] p. ‡ TD 2.2: C 76
- Highway planning technical reports. ‡ TD 2.25: (nos.)
- 12632 18. Weekend recreational travel patterns [with list of references; by Gary E. Marling]. Feb. 1971. cover title, 29 p. il. 4°
- 12633 20. Review of urban goods movement studies. Apr. 1971. cover title, [1]+v+37 p. il. 4°
- Hydraulic engineering circular.
- 12634 9. Debris-control structures; [prepared by G. Reibsen and L. J. Harrison]. Mar. 1971. cover title, 38 p. il. 4° [Prepared by Hydraulic Branch, Bridge Division, Office of Engineering. Issued with perforations. Minor revision of Feb. 1964 edition.] \* Paper, 50c. (S/N 5002-0095). ● Item 265-F TD 2.27: 9
- 12635 Hydraulic flow resistance factors for corrugated metal conduits, Sept. 1970, Errata. [1971.] 1 p. 4° ‡ ● Item 962-G-5 TD 2.2: H 90/errata
- Report FH (series).
- 12636 11-7186. Mathematical model for evaluating priority lane operations on freeways [with list of references; by G. A. Sparks and A. D. May]. June 1970. [146] p. il. 4° [Prepared under contract FH-11-7186 by Institute of Transportation and Traffic Engineering, University of California, Berkeley.] ‡ TD 2.26: 11-7186
- 12637 Safety rest area development; [prepared by Landscape Branch, Scenic Enhancement Division, Office of Right-Of-Way and Environment]. [1971.] cover title, 28 p. il. 4° [Some illustrations are colored.] \* Paper, \$1.00. ● Item 962-C-5 TD 2.2: Sa 1

\*For Sale by Superintendent of Documents  
‡Distribution Made by Issuing Office  
‡Official Use. Not Available



# AUGUST 1971

- 12638 Tables showing progress of Federal aid and allied highway programs, administered by Federal Highway Administration, fiscal year 1970. [1971.] 34 p. 4° † TD 2.2: F 31/2/970

## FEDERAL HOUSING ADMINISTRATION, Housing and Urban Development Dept., Washington, DC 20411

- 12639 FHA homes, 1969, data for States and selected areas on characteristics of FHA [insuring] operations under sec. 203. [1971.] cover title, [193] p. 4° (RR: 250 book, HUD SOR-3; Division of Research and Statistics, Statistics Branch.) [Issued with perforations.] † • Item 589 HH 2.2: H 75/13/969
- 12640 FHA regulations: [Home mortgage regulations, amendments to sec. 203]. [1971.] [6] p. ([FHA 3000.]) [Includes Home regulations transmittal 84, May 1971. Issued in looseleaf form.] † HH 2.6: M 84/7/970/trans.84
- 12641 — [Home mortgage regulations, amendments to sec. 235]. [1971.] [8] p. ([FHA 3000.]) [Includes Home regulations transmittal 82, Apr. 29, 1971. Issued in looseleaf form.] † HH 2.6: M 84/7/970/trans.82
- 12642 — [Home mortgage regulations, amendments to sec. 810]. [1971.] [4] p. ([FHA 3000.]) [Includes Home regulations transmittal 83, June 1971. Issued in looseleaf form.] † HH 2.6: M 84/7/970/trans.83
- 12643 — [Project mortgage insurance, amendments to secs. 207 and 220]. [1971.] [6] p. ([FHA 4000.]) [Includes Project transmittal 85, May 1971. Issued in looseleaf form.] † HH 2.6: M 84/6/964/trans.85
- 12644 — [Project mortgage insurance, amendments to secs. 213-1100 and title X]. [1971.] [26] p. ([FHA 4000.]) [Includes Project transmittal 84, June 1971. Issued in looseleaf form.] † HH 2.6: M 84/6/964/trans.84

## FEDERAL MARITIME COMMISSION Washington, DC 20573

- SP (series). † FMC 1.9: (nos.)
- 12645 71-19. Remarks by Helen Delich Bentley, Chairman, Federal Maritime Commission, on occasion of 108th graduation commencement, Bryant College, Providence, R.I., June 12, 1971. 1971. 12 p. 4°
- 12646 71-25. Remarks by Helen Delich Bentley, Chairman, Federal Maritime Commission before Commonwealth Club of California, San Francisco, Calif., July 9, 1971. [1971.] 9 p. 4°

## FEDERAL POWER COMMISSION Washington, DC 20426

- 12647 Future of power in West Region, 1970-90, report to Federal Power Commission [with selected bibliography]; prepared by West Regional Advisory Committee. [June 1969.] 417 p. il. 4° † FP 1.2: W 52/970-90
- 12648 Recreation opportunities at hydroelectric projects licensed by Federal Power Commission; [prepared by Bureau of Power]. Oct. 1970, [published 1971]. [2] + 78 p. il. 4° • Paper, \$2.00. • Item 436 FP 1.2: R 24/970
- 12649 Regulations under Natural gas act, Aug. 1, 1967 [revised pages]; Jan. 7, 1971. [1971.] [64] p. [Includes transmittal sheet 2. Issued in looseleaf form.] • Paper, \$2.00 (including basic manual and supplementary material for an indefinite period); 50c. additional for foreign mailing. • Item 439 FP 1.7: G 21/3/967/trans.2

## FEDERAL RAILROAD ADMINISTRATION, Transportation Dept. Washington, DC 20591

- 12650 Decade of decision: Report on railroad track and roadway. Apr. 23, 1971. cover title, vii + 30 p. 4° [Submitted by Task Force 2, Labor and Management Committee.] † TD 3.2: T 67

♦For Sale by National Technical Information Service,  
Springfield, VA 22151  
•Sent to depository Libraries

# GOVERNMENT PUBLICATIONS

- 12651 Decade of decision: Terminals, report of Task Force 1 to Labor and Management Committee. Apr. 23, 1971. cover title, il+35 p. il. 4° ‡  
TD 3.2: T 2
- 12652 Experimental investigation of near flow field for tube vehicles, final report [with list of references; by] Sergio Panunzio [and] Daniel E. Magnus Nov. 1970. cover title, [102] p. il. 4° (FRA-RT-71-72; Office of High Speed Ground Transportation.) [Prepared under contract DOT-FR-00039 by General Applied Science Laboratories, Inc., Westbury, N.Y. ‡ Paper, \$3.00. TD 3.2: F 6
- 12653 Summary of research at MIT on technology for high speed ground transportation, [progress report, Nov. 16, 1967-Sept. 15, 1969; by] William W. Seifert. Aug. 1970. cover title, v+80 p. il. 4° (FRA-RT-71-71; Office of High Speed Ground Transportation.) [Prepared under contract C-85-63 by Massachusetts Institute of Technology. Includes lists of other reports of M.I.T. research relating to HSGT.] ‡ Paper, \$3.00. TD 3.2: T 2
- 12654 Use of aerodynamic lift for application to high speed ground transportation [with list of references; by] Timothy M. Barrows, Sheila E. Windall, Herbert H. Richardson, M.I.T., Cambridge, Mass. June 1970. cover title xii+153 p. il. 4° (FRA-RT-71-56.) [Prepared by MIT Fluid Dynamics Research Laboratory for Office of High Speed Ground Transportation under contract C-85-65.] ‡ Paper, \$3.00. TD 3.2: A 6

## FEDERAL REGISTER OFFICE, General Services Administration Washington, DC 20408

Code of Federal regulations, revised as of Jan. 1, 1971. 1971. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1971, with ancillaries.] \* Paper, \$175.00 a year, \$45.00 additional for foreign mailing; single copies vary in price. ● Item 572

- 12655 Code of Federal regulations: General index revised as of Jan. 1, 1971. [1971.] xxiii+373 p. \* Paper, \$1.50. GS 4.108: ind/971
- 12656 — Title 12 [Banks and banking], pt. 300-end, revised as of Jan. 1, 1971. [1971.] vi+574 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1971, with ancillaries.] \* Paper, \$2.50. GS 4.108: 12/pt.300-end/971

## FEDERAL RESERVE SYSTEM BOARD OF GOVERNORS Washington, DC 20561

- 12657 Bank rates on business loans, revised series. [1971.] p. 468-477, 4° [Reprinted from Federal reserve bulletin, June 1971.] ‡  
FR 1.3/a: B 225/24
- 12658 Credit allocation and Federal reserve, remarks of Sherman J. Maisel, Member, Board of Governors of Federal Reserve System, at lecture sponsored by Banking Research Center, Northwestern University, Chicago, Ill., Apr. 22, 1971. 1971. [1]+13+[3] p. il. 4° ‡ FR 1.23: M 28/28
- 12659 Federal Reserve Board publications. June 1971. 7 p. 4° ‡ FR 1.45: 971
- 12660 57th annual report, Board of Governors of Federal Reserve System [calendar year] 1970. [1971.] [8]+vii+326 p. il. ‡ FR 1.1: 970
- 12661 Financial development in 1st quarter of 1971. [1971.] p. 365-374, il. 4° [Reprinted from Federal reserve bulletin for May 1971.] ‡  
FR 1.3/a: F 49/10/971-1
- 12662 Interest rates, credit flows, and monetary aggregates since 1964. [1971.] p. 425-440, il. 4° [Reprinted from Federal reserve bulletin, June 1971.] ‡  
FR 1.3/a: In 8/11

\*For Sale by Superintendent of Documents

‡Distribution Made by Issuing Office

‡Official Use. Not Available

# AUGUST 1971

bor and Man-

†  
TD 3.2: T 27

es, final report  
el E. Magnus.  
Office of High  
act DOT-FR-  
estbury, N.Y.]  
TD 3.2: F 66

ground trans-  
y] William W.  
1-71; Office of  
tract C-85-65  
f other reports  
TD 3.2: T 22

transportation  
la E. Windall,  
970. cover title,  
uld Dynamics  
Transportation  
TD 3.2: Ae 8

Administration

1971. [Contains  
ure effect as of  
45.00 additional  
572

f Jan. 1, 1971.  
S 4.108: ind/971  
of Jan. 1, 1971.  
general applica-  
ries.] \* Paper,  
/pt.300-end/971

ERNS

8-477, 4° [Re-

1.3/a: B 225/24

man J. Maisel,  
stem, at lecture  
University, Chi-  
FR 1.23: M 28/28

FR 1.45: 971

ve System [cal-  
FR 1.1: 970

a. 365-374, il. 4°  
†

a: F 49/10/971-1

nce 1964. [1971.]

e bulletin, June

FR 1.3/a: In 8/11

12663 Jobs and inequality, progress and stagnation in quest for open society, remarks by Andrew F. Brimmer, member, Board of Governors of Federal Reserve System upon presentation of 56th Springarn Medal at 62d annual convention of National Association for Advancement of Colored People, Minneapolis, Minn., July 6, 1971. 1971. [1]+24+[17] p. 4° †  
FR 1.23: B 77/71

12664 Profitability and responsibility, public and private, remarks of Sherman J. Maisel, Member of Board of Governors of Federal Reserve System at award dinner sponsored by Nebraska-Council Bluffs Chapter of National Conference of Christians and Jews, Omaha, Nebr., July 11, 1971. [1]+13 p. 4° †  
FR 1.23: M 28/30

Regulation (series).

12665 Y. Bank holding companies, amendments to regulation Y, sec. 222.4, nonbanking activities. June 1971. [4] p. †  
FR 1.6: Y/968/amdt.-2

12666 Remarks of J. L. Robertson, Vice Chairman of Board of Governors of Federal Reserve System, at annual finance conference of American Management Association, New York City, N.Y., May 17, 1971. 1971. [1]+12 p. 4° †  
FR 1.23: R 54/44

12667 Rules regarding delegation of authority, amendments. June 1971. [2] p. 4° †  
FR 1.8/2: Au 8/970/amdt.-2

12668 Statement by Arthur F. Burns, Chairman, Board of Governors of Federal Reserve System, before Committee on Banking, Housing, and Urban Affairs, Senate, June 16, 1971. [1971.] [1]+10 leaves, 4° †  
FR 1.23: B 93/8

12669 Statement by Arthur F. Burns, Chairman, Board of Governors of Federal Reserve System before Subcommittee on Foreign Economic Policy and Subcommittee on International Exchange and Payments of Joint Economic Committee, June 30, 1971. [1971.] [1]+21 leaves 4° †  
FR 1.23: B 93/10

12670 Survey of demand deposit ownership. [1971.] p. 456-467, 4° [Reprinted from Federal reserve bulletin, June 1971.] †  
FR 1.3/a: D 441/13

12671 Two key issues of monetary policy, remarks of Arthur F. Burns, Chairman, Board of Governors of Federal Reserve System before 1971 International Banking Conference, Munich, Germany, May 28, 1971. 1971. [1]+10 leaves 4° †  
FR 1.23: B 93/9

12672 Two key issues of monetary policy, [remarks of Arthur F. Burns, Chairman, Board of Governors of Federal Reserve System, before 1971 International Banking Conference, Munich, Germany, May 28, 1971]. 1971. p. 452-455, 4° [Reprinted from Federal reserve bulletin, June 1971.] †  
FR 1.3/a: M 746/32

## FEDERAL SUPPLY SERVICE, General Services Administration Washington, DC 20405

12673 Federal fire suppression equipment and supplies, special supplement to stock catalog. Apr. 1971. cover title, 26+[6] p. il. 4° [Last 6 pages are left blank to be used for notes.] †  
GS 2.10/6-2: 971

12674 Federal specifications. ● Item 563  
GS 2.8:  
NOTE.—These specifications are completely covered by the index of Federal specifications and standards. Individual specifications are not listed in the Monthly Catalog.

Index of Federal specifications and standards January 1, 1970, with cumulative supplements as issued (GS 2.8/2: 1970 is sold by the Superintendent of Documents on a subscription basis at \$3.50 a yr., \$1.00 additional for foreign mailing.

◆For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to depository Libraries

Page 51

## GOVERNMENT PUBLICATIONS

Federal standards. Issued with perforations. ● Item 563

GS 2.8/3:(nos.)

NOTE.—Federal standards may be purchased from the General Services Administration, Specifications Activity, Special Programs Division, Building 197, Naval Weapons Plant, Washington, D.C. 20407. *All checks and money orders should be made payable to the Treasurer of the United States.* Single copies are available without charge at the nearest GSA regional office.

- 12675 60. Bags, cotton, mailing, May 31, 1956, cancellation. Apr. 23, 1971. 1 p. 4° (FSC 8105.) †  
 12676 289. Ash receivers, tobacco, June 25, 1969, Change notice 1. May 14, 1971. 1 p. 4° (FSC 9920.)

Federal test method standards. [Issued in looseleaf form.] ● Item 563

NOTE.—Federal test method standards may be purchased from the General Services Administration, Specifications Activity, Printed Materials Supply Division, Building 197, Naval Weapons Plant, Washington, D.C. 20407. *All checks and money orders should be made payable to the Treasurer of the United States.* Single copies are available without charge at the nearest GSA regional office.

- 12677 158A. Cements, hydraulic, sampling, inspection and testing, Sept. 23, 1960, Change notice 1. Apr. 21, 1971. [1] p. 4° GS 2.8/7:158 A/ch.1

### FEDERAL TRADE COMMISSION Washington, DC 20580

Consumer bulletin.

- 12678 3. Risks in raising chinchillas. [1971.] [8] p. ill. \* Paper, 15c. ● Item 533-A FT 1.3/2:3/2

### FLIGHT STANDARDS SERVICE, Transportation Dept. Washington, DC 20553

- 12679 Tentative airworthiness standards for supersonic transports. Nov. 1, 1965, revised as of Jan. 1, 1971. [1971.] cover title, [1]+vii+154+[2] p. ill. 4° [Issued in looseleaf form.] ‡ TD 4.411: Su 7/971

### FOOD AND DRUG ADMINISTRATION, Health, Education, and Welfare Dept., Washington, DC 20201

FDA poster.

- 12680 1-S. Diez reglas para los almacenos de alimentos. Proteja la salud publica, evite perdida economica [all lettered poster]. Apr. 1971. 16 x 11 in. (FDA New York District (Neighborhood Youth Corps, Summer 1970).) [Translation and design by Millie Rivera.] \* Paper, \$7.50 per 100; single copy 10c. (8/N 1712-0128). HE 20.4021: 1-8  
 12681 Flammable fabrics, 2d annual report [to President and Congress on studies through June 1970]. [Mar. 4, 1971.] cover title, [3]+35 p. 4° (Bureau of Product Safety.) [Submitted by Secretary of Health, Education, and Welfare as required under sec. 14(a) Flammable fabrics act amendments of 1967.] † ● Item 475-0 HE 20.4020: 970  
 12682 National drug code directory, June 1971 [with list of references]; prepared by Office of Scientific Coordination, Bureau of Drugs. 1971. [622] p. 4° [Title on cover is: Improving the quality of health care. Edge index on p. 4 of cover.] \* Paper, \$4.25. ● Item 475-N HE 20.4012: 971 L.C. card 73-610796  
 12683 Public advisory committees, authority, structure, functions, members. [Feb. 1971.] cover title, [1]+29 p. † ● Item 475-P HE 20.4022: 971 L.C. card 79-613545  
 12684 Selected technical publications, Jan.-June 1969, Food and Drug Administration, [no. 9, with bibliographies]. [1970.] cover title, vii+591 p. ill. 4° † HE 20.4023: 9

### FOOD AND NUTRITION SERVICE, Agriculture Dept. Washington, DC 20250

FNS-(series). ● Item 74-A-2

A 98.9:(nos.)

- 12685 7. Menu planning guide for breakfast at school. Jan. 1968, slightly revised Jan. 1970. [2]+9+[1] p. ill. 4° (Child Nutrition Division.) [Prepared with technical assistance of Consumer and Food Economics Research Division, Agricultural Research Service. Formerly C & MS-70.] †

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# AUGUST 1971

- 12686 23. Dry beans, good choice for thrifty family. [Revised Mar. 1971.] [1971.] [4] p. il. 4° [Prepared in cooperation with Agricultural Research Service. Issued with perforations. Formerly C&MS-40.] \* Paper, 10c.
- 12687 24. Beef and pork, good choice for thrifty family. [Revised Mar. 1971.] [1971.] [Prepared in cooperation with Agricultural Research Service. Issued with perforations. Formerly C&MS-36.] \* Paper, 10c.

## FOREIGN AGRICULTURAL SERVICE, Agriculture Dept. Washington, DC 20250

[Foreign Agricultural Service miscellaneous], FAS M (series). †  
A 67.26: (nos.)

- 12688 191. U.S. imports of horticultural products; [by Richard B. Schroeter]. May 1971. cover title, il+29 p. il. 4°  
L.C. card 70-613627
- 12689 201. Food and agricultural export directory, 1971. Revised May 1971. [1971.] cover title, [2]+57 p. 4° [Includes list of export publications.] ● Item 76-G
- 12690 230. Grain trends non-EC western Europe 1960-61 through 1969-70. May 1971. cover title, il+29 p. il. 4° (Grain and Feed Division.)

## FOREIGN DIRECT INVESTMENTS OFFICE, Commerce Dept. Washington, DC 20230

- 12691 1971 foreign direct investment program. [1971.] [2]+57 p. 4° † ● Item 232-E  
C 54.6: F 76/971

## FOREST SERVICE, Agriculture Dept. Washington, DC 20250

- 12692 Equipment development & test program: progress, fiscal year 1970; plans, fiscal year 1971. Oct. 1970. iv+82 p. il. 4° †  
A 13.49/5: 970-71
- 12693 Forest insect conditions in United States, 1970. [June 1971.] vi+44 p. il. 4° † ● Item 82-B  
A 13.52/2: 970
- Forest pest leaflets. † ● Item 82-A  
A 13.52: (nos.)
- 12694 48. Laminated root rot of Douglas-fir [with list of references; by] T. W. Childs and E. E. Nelson. Revised Feb. 1971. [1971.] 7 p. il.
- 12695 104. Pales weevil [with list of references; by] Charles F. Speers and John L. Rauschenberger. Revised Apr. 1971. [1971.] 6 p. il.
- 12696 116. Arizona 5-spined ips [with list of references; by] Calvin L. Massey. Revised June 1971. [1971.] 5 p. il.
- 12697 119. Western tent caterpillar [with list of references; by] Milton J. Stelzer. July 1971. 5 p. il.
- 12698 Glacier Peak Wilderness, Mt. Baker and Wenatchee National Forests, [1969.] 1 sheet (with map on verso), il. oblong f° folded into narrow 8° size. ([Pacific Northwest Region.]) [Map is colored.] †  
A 13.13: G 45/969
- 12699 Guide for preparing resort development plans, Rocky Mountain Region. [1971.] cover title, [56] p. il. oblong 8° †  
A 13.36/2: R 29
- 12700 Guide to the forest of Ancient Bristlecone Pines, Inyo National Forest, Calif. [1969.] 2 p. il. f°, folded into narrow 8° size. [One illustration is colored.] †  
A 13.13: In 8/7
- 12701 National forests in Pacific Northwest. 1970. [1971.] cover title, [36] p. il. 4° ([Pacific Northwest Region (R-6).]) [Text, illustrations and map on p. 2-4 of cover.] †  
A 13.13/2: P 11/970
- 12702 Pacific Crest National Scenic Trail, Oreg. 1971. [2] p. il. oblong f°, folded into 8° size. (Pacific Northwest Region.) †  
A 13.13: P 11/971
- 12703 Pacific Crest National Scenic Trail, Wash. 1971. [2] p. il. oblong f°, folded into 8° size. (Pacific Northwest Region.) †  
A 13.13: P 11/2/971
- Research note NC-(series). (North Central Forest Experiment Station, St. Paul, Minn.) †  
A 13.79: NC-(nos.)
- 12704 NC-111. NCRETURN computer program for evaluating investments revised to provide additional information; [by] Allen L. Lundgren and Dennis L. Schweitzer. 4 p. il. 4° [Issued with perforations.]

✦For Sale by National Technical Information Service,  
Springfield, VA 22151  
●Sent to depository Libraries

# GOVERNMENT PUBLICATIONS

## Research note NC-(series)—Continued

- 12705 NC-112. Density-gradient technique for obtaining wood and bark chip density; [by Larry M. Julien, John C. Edgar, Terrance M. Conder]. [1971.] 4 p. il. 4° [Issued with perforations.]
- 12706 NC-113. Eastern white pine seed source trials: 10-year results from 3 midwestern plantations; [by David T. Funk]. [1971.] 4 p. il. 4° [Issued with perforations.]
- 12707 NC-114. Fertilisation tests with potted red oak seedlings [with list of literature cited; by] Robert E. Phares. [1971.] 4 p. il. 4° [Issued with perforations.]

## Research note NE-(series). (Northeastern Forest Experiment Station, Upper Darby, Pa.) †

- 12708 NE-125. Decay not serious in northern red oak [with list of literature cited; by] Frederick H. Berry and John A. Beaton]. 1971. cover title, 5 p. 1971. 3 p. il.
- 12709 NE-126. Tapping near old tapholes in sugar maple trees; [by] H. Clay Smith]. 1971. 3 p. il.
- 12710 NE-129. Individual tree differences confound effects of growth regulators in rooting sugar maple softwood cuttings [with list of literature cited; by] John R. Donnelly]. 1971. 6 p. il.

## Research paper NC-(series). (North Central Forest Experiment Station, St. Paul, Minn.) †

- 12711 NC-59. Sediment in a Michigan trout stream, its source, movement & some effects on fish habitat [with list of literature cited; by] Edward A. Hansen. 1971. cover title, [1]+14 p. il. 4° [Abstract cards inserted.]
- 12712 NC-60. Factors influencing campground use in Superior National Forest of Minnesota [with list of literature cited; by] David W. Lime. 1971. cover title, [1]+18 p. il. 4° [Text on p. 2-3 of cover. Abstract cards attached.]
- 12713 NC-61. Changing market for wood materials used in farm structures; [by] David C. Baumgartner. 1971. cover title, [1]+6 p. il. 4° [Abstract cards inserted.]
- 12714 NC-62. Site index curves for black, white, scarlet, and chestnut oaks in Central States [with list of literature cited; by] Willard H. Carmean. 1971. cover title, 8 p. il. 4° [Text on p. 2-3 of cover. Abstract cards inserted.]

## Research paper NE-(series). (Northeastern Forest Experiment Station, Upper Darby, Pa.)

- 12715 NE-180. Sholo Mill, make pallet parts and pulp chips from low-grade hardwoods; by Hugh W. Reynolds and Charles J. Gatchell. 1970. cover title, 16 p. il. [Text on p. 2 of cover. Abstract cards inserted.] †
- 12716 . . . shall not perish from the earth. [1971.] [36] p. il. 4° [Some illustrations are colored. Text on p. 2 of cover.] †
- 12717 Soils, George Washington National Forest, Va., soil association survey [with list of references]. Nov. 1969. cover title, [2]+62 p. il. 4° [2 illustrations are colored.] †
- 12718 A summer job with Forest Service. [Dec. 1970.] [15] p. il. narrow 8° [Some illustrations are colored.] † • Item 84
- 12719 Three Sisters Wilderness, Deschutes and Willamette National Forests. [1969.] 1 sheet (with map on verso), il. oblong f° folded into narrow 12° size. ([Pacific Northwest Region.]) [Map is colored.] †
- 12720 Utilization of Douglas fir bark [with bibliographies]; by J. Alfred Hall. 1971. cover title, [2]+138 p. il. 4° (Pacific Northwest Forest and Range Experiment Station, Portland, Ore.) [Text on p. 2 of cover.] †
- 12721 Your Shawnee National Forest environment. [1970.] cover title, 8 p. il. 4° [Text on p. 3-4 of cover.] †

## GENERAL ACCOUNTING OFFICE Washington, DC 20548

- 12722 Report to Congress: Assessment of Teacher Corps Program at University of Southern California and participating schools in Los Angeles and Riverside Counties, Office of Education, Department of Health, Education, and Welfare; by Comptroller General of United States. July 9, 1971. cover title, [1]+5+[2]+48 p. il. 4° (B-164031(1).) † Paper, \$1.00. L.C. card 73-613644

\*For Sale by Superintendent of Documents  
†Distribution Made by Issuing Office  
‡Official Use. Not Available



# August 1971

- 12723 — Audit of Export-Import Bank of United States, fiscal year 1970; by Comptroller General of United States. June 21, 1971. cover title, [1] +3+[3]+74 p. il. 4° (B-114823.) † Paper, \$1.00. GA 1.13: Ex 7/970
- 12724 — Better cost accounting needed for operation and maintenance of military family housing, Department of Defense; by Comptroller General of United States. July 2, 1971. cover title, [1]+2+[2]+57 p. 4° (B-159797.) † Paper, \$1.00. GA 1.13: H 81/53
- 12725 — Community mental health centers program, improvements needed in management, Health Services and Mental Health Administration, Department of Health, Education, and Welfare, by Comptroller General of United States. July 8, 1971. cover title, [1]+5+[2]+67 p. 4° (B-164031(2).) † Paper, \$1.00. L.C. card 77-613645 GA 1.13: M 52
- 12726 — Controls needed over leasing of land acquired under open-space land program, Department of Housing and Urban Development; by Comptroller General of United States. June 16, 1971. cover title, [1]+3+[1] +21 p. 4° (B-168174.) † Paper, \$1.00. L.C. card 73-613530 GA 1.13: L 22/0
- 12727 — Determining Army major equipment needs, problems and suggestions for improvements; by Comptroller General of United States. June 8, 1971. cover title, [1]+3+[2]+42 p. 4° (B-163074.) † Paper, \$1.00. L.C. card 76-613563 GA 1.13: Ar 5/15
- 12728 — Examination of financial statements of Government National Mortgage Association for fiscal year 1970, Department of Housing and Urban Development; by Comptroller General of United States. June 14, 1971. cover title, [1]+2+[3]+47 p. 4° (B-114828.) † Paper, \$1.00. L.C. card 71-600700 GA 1.13: G 74/6/970
- 12729 — Follow-up review shows long missing government-owned materials in Vietnam still unaccounted for, Department of Defense; by Comptroller General of United States. May 28, 1971. cover title, [1]+3+[2]+91 p. 4° (B-159451.) † Paper, \$1.00. L.C. card 70-613583 GA 1.13: V 67/7
- 12730 — Further action by Veterans Administration could reduce administrative costs and improve service to veterans receiving educational benefits; by Comptroller General of United States. July 8, 1971. cover title, [1] +2+[1]+21 p. 4° (B-114859.) † Paper, \$1.00. L.C. card 78-613680 GA 1.13: V 64/22
- 12731 — Improvements needed in management of highway safety rest area program, Federal Highway Administration, Department of Transportation; by Comptroller General of United States. June 2, 1971. cover title, [1]+3+[2]+49 p. il. 4° (B-164497(3).) † Paper, \$1.00. GA 1.13: H 53/32
- 12732 — Improvements needed in management of motor equipment activities, District of Columbia Government; by Comptroller General of United States. July 2, 1971. cover title, [1]+3+[1]+34 p. 4° (B-118638) † Paper, \$1.00. GA 1.13: M 85/14
- 12733 — Inventories at naval shipyards, excesses and improvements made, Department of Navy; by Comptroller General of United States. May 28, 1971. cover title, [1]+3+[2]+36 p. 4° (B-125057.) † Paper, \$1.00. L.C. card 72-613570 GA 1.13: Sh 6/15
- 12734 — Need for improved review and coordination of foreign affairs aspects of Federal research, Department of State and other agencies; by Comptroller General of United States. May 27, 1971. cover title, [1]+4+[3] +97 p. 4° (B-171564.) † Paper, \$3.00. L.C. card 74-613525 GA 1.13: R 31/16

4For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to depository Libraries

Page 55

# GOVERNMENT PUBLICATIONS

- 12735 Report to Congress: Need to evaluate and improve Postal source data system before further expansion, Post Office Department; by Comptroller General of United States. July 1, 1971. cover title, [1]+4+[2]+65 p. il. 4° (B-114874.) † Paper, \$1.00.  
L.C. card 75-613682 GA 1.13: P 84/27
- 12736 — Opportunities for improving automated supply system of Veterans Administration; by Comptroller General of United States. July 7, 1971. cover title, [1]+3+[2]+33 p. 4° (B-133044.) † Paper, \$1.00.  
L.C. card 71-613681 GA 1.13: Au 8/37
- 12737 — Opportunities for improving Neighborhood health services program for the poor administered by St. Luke's Hospital Center, NYC; by Comptroller General of United States. June 15, 1971. cover title, [1]+4+[2]+54 p. il. 4° (B-130515.) † Paper, \$1.00.  
L.C. card 73-612489 GA 1.13: N 31/4
- 12738 — Opportunities to improve redistribution of Federal Government's excess automatic data processing equipment; by Comptroller General of United States. June 15, 1971. cover title, [1]+3+[2]+30 p. 4° (B-115369.) † Paper, \$1.00.  
L.C. card 70-613532 GA 1.13: Au 8/36
- 12739 — Potential savings by replacing Government-owned sedans each year. General Services Administration; by Comptroller General of United States. June 9, 1971. cover title, [1]+2+[2]+38 p. 4° (B-158712.) † Paper, \$1.00.  
L.C. card 73-613565 GA 1.13: Se 2
- 12740 — Problems in providing proper care to medicaid and medicare patients in skilled nursing homes, Department of Health, Education, and Welfare; by Comptroller General of United States. May 28, 1971. cover title, [1]+5+[2]+49 p. 4° (B-164031(3).) † Paper, \$1.00.  
L.C. card 70-613524 GA 1.13: M 46/19
- 12741 — Progress being made and difficulties being encountered by credit unions serving low-income persons, Office of Economic Opportunity; by Comptroller General of United States. June 17, 1971. cover title, [1]+5+[2]+41 p. 4° (B-164031(4).) † Paper, \$1.00.  
L.C. card 78-613585 GA 1.13: C 86/3

## GEOGRAPHIC NAMES BOARD, Interior Dept. Washington, DC 20240

### Gazetteer.

- 12742 58. South Vietnam [and South China Sea], official standard names approved by United States Board on Geographic Names; prepared in Geographic Names Division, U.S. Army Topographic Command. May 1971. [2]+vii+[1]+337 p. il. oblong 8° † Army Topographic Command, 6500 Brooks Lane, Washington, DC 20315, Attn: Geographic Names Division, 53600 ● Item 617  
L.C. card 70-613599 I 33.8: 58/2

## GEOLOGICAL SURVEY, Interior Dept. Washington, DC 20242

- 12743 Annual compilation and analysis of hydrologic data for Green Creek, Brazos River Basin, Tex., 1969; by B. C. Massey. [1971.] iv+44 leaves, il. 4° [Prepared in cooperation with Texas Water Development Board and Soil Conservation Service.] † I 19.58: G 82
- 12744 Annual compilation and analysis of hydrologic data for North Creek, Trinity River basin, Texas, 1969; by C. C. Kildwell. [1971.] iii+32 leaves, il. 4° (Water Resources Division.) [Prepared in cooperation with Tarrant County Water Control and Improvement District No. 1 and Texas Water Development Board.] † I 19.58: N 81 cr/969

\*For Sale by Superintendent of Documents  
†Distribution Made by Issuing Office  
‡Official Use. Not Available

Bulletins. • Item 620

I 19.3: (nos.)

- 12745 1211-E. Geologic reconnaissance of proposed power site at Lake Grace, Revillagigedo Island, southeastern Alaska [with list of references cited]; by Alexander A. Wanek and James E. Callahan. 1971. iii+24 p. il. 1 pl. in pocket. [Feasibility study of geologic conditions at proposed power site. Geology of waterpower sites in Alaska.] \* Paper, 65c. L.C. card 77-611021
- 12746 1295. Bedrock geology of Rhode Island [with list of references cited]; by Alonzo W. Quinn. 1971. v+68 p. il. map in pocket. [Map is colored.] [Prepared in cooperation with state of Rhode Island Development Council. Lithology, structure, and metamorphism of Narragansett basin sedimentary rocks of Pennsylvanian age, younger Westerly Granite, and underlying igneous and metamorphic rocks of early Paleozoic or Precambrian age.] \* Paper, \$1.25. L.C. card 76-610762
- 12747 1299. Geology of Panamint Butte quadrangle, Inyo County, Calif. [with list of references]; by Wayne E. Hall. 1971. v+67 p. il. 1 pl. in pocket. [Prepared in cooperation with California Department of Conservation, Division of Mines and Geology. Plate is colored.] \* Paper, \$1.25. L.C. card 75-610447
- 12748 1312-P. Geochemical reconnaissance of Cortez-Buckhorn area, Southern Cortez Mountains, Nev. [with list of references cited]; by John D. Wells and James E. Elliott. 1971. iii+18+3 p. il. and portfolio of 3 pl. [Geochemical data shows distribution of gold, silver, mercury, arsenic, antimony, copper, zinc, molybdenum, and tellurium in carbonate and siliceous sedimentary rocks and granitic and basaltic igneous rocks. Contributions to economic geology. Includes title page and table of contents to Bulletin 1312.] \* Paper, \$3.75. L.C. card 79-600840

Circular.

- 12749 638. Reports and maps of Geological Survey released only in open files, 1970: Betsy A. Weld, Margaret S. Griffin, and George W. Brett. 1971. [2]+23 p. 4° • Item 620-A I 19.4/2: 658
- 12750 Geologic and hydrologic effects of the Handley event, Pahute Mesa, Nevada test site [with list of references cited]. 1971. cover title, [1]+vi+71 leaves, il. 5 maps in pocket, 4° (USGS-474-95; Special studies, 83.) [Prepared under agreement AT (29-2)-474 for Nevada Operations Office, U.S. Atomic Energy Commission.] \* Paper, \$3.00. I 19.2: N 41/2
- 12751 Ground-water reconnaissance study of selected sites in Rocky Mountain National Park and Shadow Mountain National Recreation Area [with list of selected references]; by Frank A. Welder. Mar. 1971. [1]+iii+47 p. il. 4° (Water Resources Division.) [Open-file report 71001. Prepared for National Park Service.] † I 19.2: R 59/4
- 12752 Hydrologic data of Kenai-Soldotna area, Alaska; by Gary S. Anderson and Stanley H. Jones. 1971. [2]+58 p. il. 1 pl. in pocket, 4° (Water Resources Division.) [Open file report. Prepared in cooperation with Kenai Peninsula Borough, Alaska.] † I 19.2: K 33
- 12753 Open-channel integrating-type flow meter [with list of selected references]; by F. C. Koopman. Apr. 1971. 25 leaves, il. 4° [Open file report. Prepared in cooperation with New Mexico state engineer.] † I 19.2: Op 2

Professional papers. • Item 624

I 19.16: (nos.)

- 12754 486-E. Salinity of surface water in lower Colorado River-Salton Sea area [with list of references]; by Burdge Irelan. 1971. iv+40 p. il. 4° [Water Resources of lower Colorado River-Salton Sea area.] \* Paper, 50c. L.C. card 72-610761
- 12755 599-G. Lunar terrain mapping and relative-roughness analysis [with list of selected references]; by Lawrence C. Rowan, John F. McCauley, and Esther A. Holm. 1971. iii+32 p. il. 4° [Prepared on behalf of National Aeronautics and Space Administration. Contributions to astrogeology.] \* Paper, 45c. L.C. card 74-609839
- 12756 750-B. Geological Survey research 1971. chap. B [articles, with lists of references]. 1971. v+283 p. il. 4° [Scientific notes and summaries of investigations in geology, hydrology, and related fields.] \* Paper, \$3.50.
- 12757 Water resources data for Iowa, 1970: pt. 1. Surface water records; pt. 2. water quality records [with list of selected references]. [1970.] x+315 p. il. 4° [Prepared in cooperation with Iowa Geological Survey, and with other State and Federal agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, 1041 Arthur St., Iowa City, IO 52240 I 19.53/2: Io 9/970/pt.1,2

•For Sale by National Technical Information Service,  
Springfield, VA 22151

•Sent to depository libraries

Page 57

# GOVERNMENT PUBLICATIONS

- 12758 Water resources data for Washington, 1969; pt. 2, Water quality records [with list of selected references]. [1971.] vi+1-13b, 14-271 p. 4" [Prepared in cooperation with State of Washington and with other agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, Rm. 300, 1305 Tacoma Avenue South, Tacoma, WA 98402

I 19.53/2: W 27/969/pt.2

## Water-supply papers. • Item 625

I 19.13: (nos.)

- 12759 1870-C. Floods of Dec. 1966 in Kern-Kaweah area, Kern and Tulare Counties Calif. [with list of selected references], by Willard W. Dean; with section on Geomorphic effects in Kern River basin, by Kevin M. Scott. 1971. iv+79 p. il. [Floods of 1966 in United States.] \* Paper, 45c. L.C. card 73-610922
- 12760 1896. Ground-water hydrology of San Pitch River drainage basin, Sanpete County, Utah [with list of selected references]; by G. B. Robinson, Jr. 1971. v+80 p. il. 4 pl. in pocket. [Prepared in cooperation with Utah Department of Natural Resources. One plate is colored.] \* Paper, \$2.50. L.C. card 73-609229
- 12761 1908. Surface water supply of United States, 1961-65: pt. 3, Ohio River basin, v. 2, Ohio River basin from Kanawha River to Louisville, Ky.; [prepared by personnel of Water Resources Division]. 1971. viii+581 p. il. 1 pl. in pocket. [Prepared in cooperation with Indiana, Kentucky, North Carolina, Ohio, Virginia, and West Virginia, and with other agencies.] \* Paper, \$3.00. L.C. card 68-46-40712
- 12762 1909. Surface water supply of United States, 1961-65: pt. 3, Ohio River basin, v. 3, Ohio River basin from Louisville, Ky. to Wabash River; [prepared by Water Resources Division]. 1971. viii+554 p. il. 1 pl. in pocket. [Prepared in cooperation with States of Illinois, Indiana, and Kentucky, and with other agencies.] \* Paper, \$3.00. L.C. card 46-40712
- 12763 1934. Surface water supply of United States 1961-65: pt. 13, Snake River basin. 1971. x+776 p. 1 pl. in pocket. [Prepared in cooperation with States of Idaho, Nevada, Oregon, Utah, Washington, and Wyoming, and with other agencies.] \* Paper, \$3.75. L.C. card 68-46-40712
- 12764 1909-F. Prospects for developing stock water supplies from wells in northeastern Garfield County, Mont. [with list of references]; by M. V. VanLewen and N. J. King. 1971. iv+38 p. il. 1 pl. in pocket. [Prepared as part of soil and moisture conservation program of Department of Interior. Contribution to hydrology of United States.] \* Paper, 75c. L.C. card 79-610141
- 12765 1909-K. Analysis of stream-temperature variations in upper Delaware River basin, N.Y. [with list of references]; by Owen O. Williams. 1971. iv+45 p. [Prepared in Cooperation with Delaware River Basin Commission. Contributions to hydrology of United States.] \* Paper, 30c. L.C. card 71-611766

## HEAD START PROJECT, Health, Education, and Welfare Dept. Washington, DC 20201

### Project Head Start (series).

- 12766 2A. Dental services, guide for dental health personnel. [1971.] cover title, 36 p. il. † • Item 857-H-12 HE 21.212: 2 A

## HEALTH CARE FACILITIES SERVICE, Health, Education, and Welfare Dept., Silver Spring, MD 20910

### Health facilities series.

- 12767 C-21. Principles of infection control in health facilities, programmed course for housekeeping personnel. [Mar. 1971.] vii+76 p. il. 4" ([Public Health Service publication 930-C-21.]) \* Paper, \$1.00. • Item 486-D HE 20.2511: C-21

## HEALTH MANPOWER EDUCATION BUREAU, Health, Education, and Welfare Dept., Bethesda, MD 20014

- 12768 Accreditation and certification in relation to allied health manpower [with list of references]; by Maryland Y. Pennell, John R. Proffitt [and] Thomas D. Hatch. [1971.] iii+43 p. 4" ([Public Health Service publication 71-192.]) \* Paper, 50c. (S/N 1741-0024.) • Item 507-D-1 HE 20.3102: Ac 2

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# August 1971

## HEALTH SERVICES AND MENTAL HEALTH ADMINISTRATION, Health, Education, and Welfare Dept., Bethesda, MD 20014

- 12769 Career as Indian practical nurse, Indian School of Practical Nursing, Albuquerque, New Mexico. [1971.] [6] p. il. narrow 8° † ● Item 483-T-1 HE 20.2002: 1n 2
- 12770 Health maintenance organizations, concept and structure. [1971.] [8] p. narrow 8° \* Paper, \$5.00 per 100; single copy, 10c. (S/N 1720-0030). ● Item 483-T-1 HE 20.2002: H 34
- 12771 Indian health program, 1955-71. [Revised 1971.] [1971.] 4 p. il. narrow 8° ((Public Health Service publication 1394.)) † ● Item 483-T-3 HE 20.2014: 965-71

## HOUSING AND URBAN DEVELOPMENT DEPARTMENT Washington, DC 20410

### HUD handbooks.

HH 1.6/6: (letters-nos.)

- 12772 HM 7215.1. Urban renewal handbook transmittal. [July 2, 1971.] [8] p. 4° ((Housing Management.)) [Issued with perforations. Includes transmittal notice 90.] \* Paper, \$20.00 (including basic manual and supplementary material for an indefinite period); \$5.00 additional for foreign mailing. ● Item 582-E
- 12773 HM 7475.1. Low-rent housing, financial management handbook transmittal, supp. 2. [June 17, 1971.] [2] leaves, 4° ((Housing Management.)) [Issued with perforations. Includes transmittal notice 2.] †
- 12774 HM 7505.1. Low-rent housing statistical reporting handbook, supp. 1. [June 3, 1971.] [4] p. 4° ((Housing Management.)) [Issued with perforations. Includes transmittal notice 2.] †
- 12775 HM 7560.1. [Low-rent housing financing handbook], supp. 6. [July 1, 1971.] [4] p. 4° ((Housing Management.)) [Issued with perforations. Includes transmittal notice 7.] †
- 12776 MCGR G 3110.1. Technical assistance bulletin 2, subject: Measures of living quality in model neighborhoods, July 1968. [1971.] [57] p. 4° [Issued with perforations.] † ● Item 582-E
- 12777 Landlord-tenant relationships, selected bibliography: compiled by Library. May 1971. iii+53 p. 4° \* Paper, 60c. (S/N 2300-0180). ● Item 581-D L.C. card 73-613707 HH 1.23: L 23
- 12778 Local housing authority management guide: pt. 3, sec. 1, Financial management, investment of funds. [1971.] [25] p. 4° (HUD guide.) [Issued with perforations.] † ● Item 582-E HH 1.6/3: M 31/pt.3/sec.1
- 12779 — pt. 5, sec. 7, Maintenance of underground utilities. [1971.] [1]+1 +25 p. 4° (HUD guide.) [Issued with perforations.] † ● Item 582-E HH 1.6/3: M 31/pt.5/sec.7
- 12780 — pt. 5, sec. 8, Maintenance [of] ranges, refrigerators, and water heaters. [1971.] [1]+ii+50 p. il. 4° (HUD guide.) [Issued with perforations.] † ● Item 582-E HH 1.6/3: M 31/pt.5/sec.8
- 12781 — pt. 5, sec. 12, Maintenance of paved areas. [1971.] [1]+iii+65 p. il. 4° (HUD guide.) [Issued with perforations.] † ● Item 582-E HH 1.6/3: M 31/pt.5/sec.12
- 12782 — pt. 5, sec. 14, Maintenance, Conservation of heating fuels. [1971.] [1]+ii+1 p. il. 4° (HUD guide.) [Issued with perforations.] † ● Item 582-E HH 1.6/3: M 31/pt.5/sec.14
- Model cities management series, Bulletin.
- 12783 1. Organization of local model cities programs [with Selected bibliography on administrative organization]. [1971.] cover title, [51]+70 p. 4° [Title page cover is: Management assistance program, 1, Organization.] † ● Item 581-E-4 HH 1.42: 1
- 12784 One of HUD's roles in home improvement. [Apr. 1971.] [2] p. 4° folded into oblong 48° size. ((HUD-29-F(2).)) † ● Item 582 HH 1.2: H 75/3/971
- 12785 Something of our own, film. [May 1971.] [2] p. il. oblong 8° folded into narrow 8° size. ((HUD-190-RT.)) † ● Item 582 HH 1.2: So 5

✦For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to depository Libraries

Page 59



## GOVERNMENT PUBLICATIONS

- 12786 Survey of minority construction contractors. [1971.] [68] p. 4° (Office of Assistant Secretary for Equal Opportunity.) † ● Item 582  
HH 1.2: M 66/3
- 12787 Workshop on urban open space; edited by Simpson F. Lawson. [1971.] 48 p. il. 4° ([ASLA-1.]) [Text and illustrations on p. 1-3 of cover.]  
● Item 582  
HH 1.2: Ur 1/8

### IMMIGRATION AND NATURALIZATION SERVICE, Justice Dept. Washington, DC 20536

- 12788 1970 annual report, Immigration and Naturalization Service. [1971.] cover title, vi+130 p. il. 4° \* Paper, \$1.50. ● Item 723-A J 21.1: 970
- 12789 [Federal textbook on citizenship: Becoming a citizen series], bk 1, Our American way of life. Revised 1971. [1971.] vi+105 p. il. 4° (M-161.) [Map on p. 2 of cover.] \* Paper, \$1.25. ● Item 724  
L.C. card 73-605782 J 21.9: C 40/4/bk.1/971
- 12790 — English and Federal Government, home study course [sec. 2 for student]. Revised 1970. [1971.] vii+172 p. il. 4° (M-43.) [Includes copy-right material.] \* Paper, \$1.75. ● Item 724 J 21.9: En 3/sec.2/970

### INDIAN AFFAIRS BUREAU, Interior Dept. Washington, DC 20240

- 12791 Economic feasibility study for dormitory buildings 34, 35, and 36, Fort Yates School, Standing Rock Agency, Aberdeen area, [N. Dak.]; prepared by Plant Management Engineering Center, Denver, Colo. [Dec. 14, 1970.] 39 leaves il. 4° [Job 01-1606.] † I 20.2: B 86
- 12792 Economic feasibility study for sale and transfer of electrical distribution system, Pine Ridge Agency, Aberdeen area, S. Dak.; prepared by Plant Management Engineering Center, Division of Plant Management. [Dec. 11, 1970.] [1]+ii+1-18A, 19-22 leaves 4° [Job 01-1963.] †  
I 20.2: E1 2/2

### INDIAN HEALTH SERVICE, Health, Education, and Welfare Dept. Silver Spring MD 20910

#### Guidelines (series). (Office of Environmental Health.)

- 12793 1. Survey of sanitation facilities: [prepared by Special Projects Branch]. Nov. 1970. ix+21+[6] p. 4° [Prepared in cooperation with Environmental Health Services Branch and Sanitation Facilities Construction Branch. This is revision of working draft, Guidelines for survey of sanitation facilities. June 1967.] †  
HE 20.2658/2: 1

### INTERDEPARTMENTAL COMMITTEE ON STATUS OF WOMEN

- 12794 Citizens' Advisory Council releases task force recommendations. [1971.] [35] p. 4° † Citizens' Advisory Council on the Status of Women, Labor Dept., Room 2131, Washington, DC 20210 Y 3.In 8/21: 2 C 40

### INTERIOR DEPARTMENT Washington, DC 20240

NOTE.—Requests to the Interior Department for publications should give the full title and the date of the publication. Do not include Monthly Catalog entry numbers or Superintendent of Documents classification numbers, which should be used only when ordering from the Superintendent of Documents.

- 12705 Desalting plants inventory report no. 2: [Inventory of world-wide land based desalting plants in operation and under construction capable of producing 25,000 gallons or more of fresh water daily, and projections of future desalting use], Errata sheet. [1971.] 1 p. 32° † ● Item 604-A-2  
I 1.87/4: 2/errata

\*For Sale by Superintendent of Documents  
†Distribution Made by Issuing Office  
‡Official Use. Not Available



# AUGUST 1971

4° (Office of  
H 12: M 66/3  
[1971.]  
of cover.) †  
H 12: Ur 1/8

Justice Dept.

[1971.] cover  
J 21.1: 970

s], bk 1, Our  
4° (M-161.)

49/4/bk.1/971  
sec. 2 for stu-  
cludes copy-  
En 3/sec.2/970

and 36, Fort  
Dak.); pre-  
Colo. [Dec. 14,  
I 20.2: B 86

l distribution  
ared by Plant  
Management.  
1963.] †  
I 20.2: El 2/2

lfare Dept.

Branch]. Nov.  
Environmental  
Branch. This  
ation facilities.  
E 20.2658/2: 1

F WOMEN

tions. [1971.]  
Women, Labor  
n 8/21: 2 C 49

id give the full  
entry numbers  
d be used only

ld-wide land  
on capable of  
d projections  
† • Item  
7/4: 2/errata

- 12796 Excerpts of remarks by Secretary of Interior Rogers C. B. Morton, before National Coal Association, Washington, D.C., June 14, 1971. [1971.] 5 leaves, 4° † I 1.68: M 84/5
- 12797 Saline water conversion report for 1970-71 [with bibliographies]. [1971.] [1]+xx+580 p. ll. 4° (Office of Saline Water.) • Paper, \$5.75. • Item 604-A I 1.1/3: 970-71
- [Saline water] research and development progress reports. (Office of Saline Water.) • Item 604-A-1 I 1.88: (nos.)
- 12798 632. Tracer study of precalcining deposition of scale forming compounds on controlled surfaces [with list of references]; by H. L. Recht Atomics International, Division of North American Rockwell Corporation, Downey, Calif. May 1971. vi+37 p. ll. 4° (Contract 14-01-0001-1681.) • Paper, 50c. (S/N 2400-0614).
- 12799 641. Study of unconventional methods for brine concentration [with bibliography]; by R. F. Battery, R. N. Jacobson, and S. Foster, Garrett Research and Development Co., La Verne, Calif. Apr. 1971. iv+69 p. ll. 4° [Contract 14-30-2675.] • Paper, 70c. (S/N 2400-0631).
- 12800 643. Investigation of ion mobility in aqueous solutions [with list of references]; by S. B. Brummer, A. B. Gancy, Tyco Laboratories, Inc., Waltham, Mass. Mar. 1971. vii+120 p. ll. 4° [Contract 14-01-0001-066.] • Paper, \$1.25. (S/N 2400-0615).
- 12801 644. Performance characteristics of advanced evaporator tubes for long-tube vertical evaporators [with list of references]; by L. G. Alexander and H. W. Hoffman, Oak Ridge National Laboratory, Oak Ridge, Tennessee. Jan. 1971. v+356 p. ll. 4° [Contract 14-30-2535.] • Paper, \$4.00.
- 12802 646. VTE pilot plant annual report for period ending July 1, 1968; by Oak Ridge National Laboratory, Oak Ridge, Tenn. Dec. 1970. [published 1971]. vi+69 p. ll. 4° [Contract 14-30-2535.] • Paper, \$1.25.
- 12803 659. Development of ultrathin reverse osmosis membranes for desalination [with list of references]; by L. T. Rozelle [and others] North Star Research and Development Institute, Minneapolis, Minn. May 1971. viii+101 p. ll. 4° [Contract 14-01-0001-1696.] • Paper, \$1.00.
- 12804 661. Advanced reverse osmosis-membrane module systems [with list of references]; by J. L. Richardson [and others], Philco-Ford Corporation, Aeronutronic Division, Newport Beach, Calif. May 1971. xx+237 p. ll. 4° [Contract 14-01-0001-2206.] • Paper, \$2.00. (S/N 2400-0616).
- 12805 667. Study of permeability and transport properties of reconstituted cell membranes [with list of references]; by L. S. Meriweather, L. J. Bjornson and H. F. Jalliet, American Cyanamid Company, Stamford, Conn. June 1971. viii+65 p. ll. 4° [Contract 14-30-2548.] • Paper, 70c. (S/N 2400-0628).
- 12806 669. Field evaluation of radial-flow round stack electrodesialysis unit; by R. N. Smith and R. A. Knight, AMF Inc., Stamford, Conn. Apr. 1971. v+87 p. ll. 4° [Contract 14-01-0001-2212.] • Paper, \$1.00. (S/N 2400-0620).
- 12807 670. Evaluation of cellulose acetate membrane properties as related to system configuration; by S. Manjikian, M. Foley, [and] C. Allen, Universal Water Corporation, Del Mar, Calif. Apr. 1971. iii+90 p. ll. 4° (Contract 14-01-0001-1823.) • Paper, \$1.00. (S/N 2400-0629).
- 12808 671. Development of thin-liquid-film membrane device for reverse osmosis [with list of references used]; by D. S. Davies and I. Bemberis, Door-Oliver Incorporated, Stamford, Conn. Apr. 1971. ix+96 p. ll. 4° (Contract 14-01-0001-1813.) • Paper, \$1.50. (S/N 2400-0621).
- 12809 674. Test evaluation of 2,500 gpd seawater reverse osmosis unit [with list of references]; by Allan S. Hodgson, D. Pal, Naval Civil Engineering Laboratory, Fort Huachuca, Calif. Apr. 1971. vi+109 p. ll. 4° [Contract 14-01-001-1776.] • Paper, \$1.00. (S/N 2400-0630).
- 12810 675. Improvement of spiral-wound reverse osmosis membrane modules [with list of references]; by G. E. Foreman [and others], Gulf Energy & Environmental Systems, Inc., San Diego, Calif. Apr. 1971. vii+91 p. ll. 4° [Contract 14-01-0001-2204.] • Paper, \$1.00. (S/N 2400-0625).
- 12811 676. Reverse osmosis membrane module (spiral-wound concept) [with list of references]; by S. S. Kremen and A. B. Reidinger, Gulf Energy & Environmental Systems, Inc., San Diego, Calif. Apr. 1971. v+83 p. ll. 4° [Contract 14-01-0001-1745.] • Paper, \$1.00.
- 12812 677. Development and testing of large spiral-wound reverse osmosis modules [with list of references]; by G. E. Foreman, S. S. Kremen, J. F. Loos, Gulf General Atomic Incorporated, San Diego, Calif. Apr. 1971. v+53 p. ll. 4° [Contract 14-01-0001-2107.] • Paper, 60c. (S/N 2400-0624).
- 12813 678. Intake systems for desalting plants [with bibliography]; by B. P. Shepherd [and others], Dow Chemical Company, Midland, Mich. Apr. 1971. x+222 p. ll. 4° [Contract 14-30-2579.] • Paper, \$3.50. (S/N 2400-0627). L.C. card 70-613757

## INTERNAL REVENUE SERVICE, Treasury Dept. Washington, DC 20224

12814 [This entry number not used.]

•For Sale by National Technical Information Service,  
Springfield, VA 22151  
•Sent to depository Libraries

Page 61

# GOVERNMENT PUBLICATIONS

- 12815 Index-digest supplement system: Estate and gift taxes, basic volume 1953-70. [1971.] xxv+105 p. 4° (Publication 642 (12-70).) \* Paper, \$1.50 (including basic volume and supplementary material for an indefinite period); 50c. additional for foreign mailing. ● Item 960  
T 22.25/6: 953-70
- 12816 — Service 4, Excise taxes, supp. 4, Jan. 1960-Dec. 1970. [1971.] 24 p. 4° (Publication 644.) \* Paper, \$1.50 (including basic volume and supplementary material for an indefinite period); 50c. additional for foreign mailing. ● Item 960  
T 22.25/8: 965-68/supp.4
- 12817 Join the world of international taxation. [1971.] [8] p. il. oblong 24° ([Document 5674 (Rev. 5-71)]; Office of International Operations.) [Text on p. 3 of cover.] † ● Item 956  
T 22.2: In 8/3/971
- 12818 Published ordinances, firearms, State laws and local ordinances relevant to title 18, U.S.C. chap. 44. [1971.] cover title, [3]+154 p. 4° (Publication 603 (6-71).) \* Paper, \$1.25. ● Item 961-A  
T 22.32: F 51/2/971
- 12819 Statistics of income, 1967: Corporation income tax returns; [prepared by Corporation Statistics Staff]. [May 1971.] cover title, v+250 p. il. 4° (Publication 16 (5-71); [Income, Finance and Wealth Branch, Statistics Division].) \* Paper, \$2.25. (S/N 4804-0383). ● Item 964  
L.C. card 61-37568  
T 22.35/2: C 81/967
- 12820 Tobacco tax guide, transmittal 9; July 12, 1971. [1971.] [29] p. 4° (Publication 464.) [Issued in looseleaf form.] \* Paper, \$10.00 (including basic guide and supplementary material for an indefinite period); \$2.50 additional for foreign mailing. ● Item 956-A  
T 22.19/5: 969/trans.9

## INTERNATIONAL COMMERCE BUREAU, Commerce Dept. Washington, DC 20230

- Foreign economic trends and their implications for United States, ET (series). \* Paper, \$15.00 a yr., \$6.00 additional for foreign mailing.  
● Item 231-I  
C 42.30: (nos.)
- 12821 71-054. Jamaica. May 7, 1971. 10 p. il. 4° (American Embassy, Belgrade.) [Semiannual.]
- 12822 71-055. Austria. May 7, 1971. 10 p. 4° (American Embassy, Vienna.) [Semiannual.]
- 12823 71-056. Martinique, Guadeloupe, and French Guiana. Apr. 15, 1971. 13 p. 4° [Annual.]
- 12824 71-057. France. May 15, 1971. 12 p. il. 4° (American Embassy, Paris.) [Semiannual.]
- 12825 71-058. Nigeria. Apr. 15, 1971. 10 p. 4° (American Embassy, Lagos.) [Semiannual. Supersedes 70-27.]
- 12826 71-059. Panama. Apr. 1, 1971. 7 p. 4° (American Embassy, Panama.) [Semiannual.]
- 12827 71-060. Yugoslavia. May 1971. 7 p. 4° (American Embassy, Belgrade.) [Semiannual.]
- 12828 71-061. Korea. Apr. 1971. 11+[1] p. il. 4° (American Embassy, Seoul.) [Semiannual. Supersedes 70-33.]
- 12829 71-062. Finland. May 15, 1971. 12 p. il. 4° (American Embassy, Helsinki.) [Semiannual.]
- 12830 71-063. Hong Kong. May 20, 1971. 11+[1] p. il. 4° (American Consulate General, Hong Kong.) [Semiannual. Supersedes 70-76.]
- 12831 71-064. Japan. May 26, 1971. 13 p. 4° (American Embassy, Tokyo.) [Semiannual.]
- 12832 71-067. Cyprus. May 27, 1971. 16 p. il. 4° (American Embassy, Nicosia.) [Annual.]
- 12833 71-068. Metropolitan Portugal. June 3, 1971. 8 p. 4° (American Embassy, Lisbon.) [Annual.]
- 12834 71-069. Denmark. June 1, 1971. 12 p. il. 4° (American Embassy, Copenhagen.) [Semiannual.]
- 12835 71-070. Jordan. June 1971. 12 p. il. 4° (American Embassy, Amman.) [Annual.]
- 12836 71-072. Malawi. June 11, 1971. 8 p. 4° (American Embassy, Blantyre.) [Annual. Supersedes ET 70-68.]
- 12837 Sources of information on American firms for international buyers; prepared by Commercial Intelligence Division, Office of International Trade Promotion. Revised May 1971. [1971.] [2]+37 p. narrow 8° \* Paper, 30c. (S/N 0309-0197). ● Item 231-A  
C 42.2: Am 3/971

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

AUGUST 1971

INTERSTATE COMMERCE COMMISSION  
Washington, DC 20423

- 12838 Cost of transporting freight by class 1 and 2 motor common carriers of general commodities by regions or territories for year 1969. Mar. 1971. cover title, [1]+vi+195 p. 4" (Statement 2C1-69; Bureau of Accounts.) [This study, issued as information, has not been adopted by Interstate Commerce Commission. Text on p. 2 of cover.] \* Paper, \$1.50 (S/N 2600-0819). • Item 682-A IC 1 acco.2: F 88/16/969

JOINT CHIEFS OF STAFF, Defense Dept.  
Washington, DC 20301

- 12839 ADC & NORAD Commanders. [1971.] [19] p. il. oblong 32" † D 5.2: Ae 8  
12840 National security seminar: Background readings, 1971-72. July 1971. xi+278 p. 4" (Industrial College of Armed Forces.) † • Item 315-A D 5.13: N 21 s/5/971-72

JOINT PUBLICATIONS RESEARCH SERVICE  
1000 N. Glebe Rd., Arlington, VA 22201

NOTE.—When ordering Joint Publications Research Service publications from the National Technical Information Service, give the JPRS number in the order. Do not include Monthly Catalog entry numbers or Superintendent of Document classification numbers, which should be used only when ordering from the Superintendent of Documents.

Titles of JPRS serial reports listed below were issued during the month, but were not cataloged separately. Φ (Price upon application).

- 12841-1. Communist Chinese scientific abstracts, nos. 60-61; JPRS 53457, 53526.  
12841-2. East European scientific abstracts: Bio-medical science, nos. 199-200; JPRS 53436, 53553.  
12841-3. East European scientific abstracts: Cybernetics, computers, and automation technology, no. 63; JPRS 53491.  
12841-4. East European scientific abstracts: Earth sciences, no. 90; JPRS 53490.  
12841-5. East European scientific abstracts: Electronics and electrical engineering, no. 71; JPRS 53487.  
12841-6. East European scientific abstracts: Engineering and equipment, no. 70; JPRS 53488.  
12841-7. East European scientific abstracts: Materials science and metallurgy, no. 50; JPRS 53489.  
12841-8. Herald of communications, v. 31, nos. 3-4, 1971; JPRS 53449, 53518.  
12841-9. Index of Le Monde, no. 125; JPRS 53437.  
12841-10. Meteorology and hydrology, USSR, no. 4, 1971; JPRS 53379.  
12841-11. Soviet public health, USSR, v. 30, no. 5, 1971; JPRS 53402.  
12841-12. Space biology and medicine, v. 5, nos. 1-2, 1971; JPRS 53388, 53448.  
12841-13. Translations from Kommunist, no. 7, 1971; JPRS 53497.  
12841-14. Translations on Africa, nos. 1044-1051; JPRS 53386, 53446, 53468, 53503, 53527, 53550, 53556, 53578.  
12841-15. Translations on Communist China, nos. 152-153; JPRS 53430, 53542.  
12841-16. Translations on Eastern Europe: Economic and industrial affairs, nos. 482-495; JPRS 53375, 53382, 53392, 53416, 53445, 53467, 53480, 53502, 53517, 53521, 53537, 53571, 53580, 53594.  
12841-17. Translations on Eastern Europe: Political, sociological, and military affairs, nos. 369-382; JPRS 53370, 53397, 53413, 53419, 53441, 53454, 53482, 53499, 53539, 53548, 53549, 53565, 53585, 53589.  
12841-18. Translations on Eastern Europe: Scientific affairs, nos. 180-184; JPRS 53381, 53428, 53504, 53544, 53591.  
12841-19. Translations on Latin America, nos. 541-558; JPRS 53373, 53393, 53411, 53421, 53432, 53456, 53469, 53479, 53496, 53501, 53515, 53522, 53538, 53552, 53561, 53566, 53575, 53592.  
12841-20. Translations on Mongolia, no. 246; JPRS 53384.  
12841-21. Translations on Near East, nos. 614-625; JPRS 53377, 53398, 53415, 53442, 53464, 53484, 53495, 53529, 53547, 53555, 53568, 53574.  
12841-22. Translations on North Korea, nos. 214-218; JPRS 53369, 53451, 53525, 53543, 53562.  
12841-23. Translations on North Vietnam, nos. 957-973; JPRS 53371, 53372, 53387, 53394, 53403, 53405, 53417, 53439, 53440, 53465, 53500, 53514, 53524, 53533, 53546, 53558, 53564, 53573, 53590.  
12841-24. Translations on south and east Asia, nos. 301-306; JPRS 53385, 53466, 53505, 53528, 53536, 53593.  
12841-25. Translations on USSR agriculture, nos. 471-476; JPRS 53396, 53407, 53431, 53458, 53530, 53583.  
12841-26. Translations on USSR economic affairs, nos. 258-269; JPRS 53368, 53380, 53391, 53418, 53426, 53459, 53463, 53474, 53510, 53519, 53532, 53576.  
12841-27. Translations on USSR industrial affairs, nos. 122-128; JPRS 53404, 53434, 53476, 53511, 53545, 53582, 53588.

ΦFor Sale by National Technical Information Service,  
Springfield, VA 22151

•Sent to depository Libraries

Page 63

# GOVERNMENT PUBLICATIONS

- 12841-28. Translations on USSR military affairs, nos. 711-716; JPRS 53374, 53408, 53424, 53455, 53475, 53560.
- 12841-29. Translations on USSR political and sociological affairs, nos. 154-160; JPRS 53383, 53406, 53453, 53516, 53551, 53557, 53577.
- 12841-30. Translations on USSR resources, nos. 194-199; JPRS 53400, 53427, 53460, 53472, 53520, 53579.
- 12841-31. Translations on USSR trade and services, nos. 249-257; JPRS 53395, 53409, 53423, 53433, 53481, 53513, 53535, 53584, 53595.
- 12841-32. Translations on Western Europe, nos. 224-231; JPRS 53410, 53429, 53435, 53470, 53512, 53534, 53559, 53563.
- 12841-33. USA: Economics, politics, ideology, no. 6, 1971; JPRS 53586.
- 12841-34. USSR scientific abstracts: Bio-medical science, nos. 99-100; JPRS 53486, 53509.
- 12841-35. USSR scientific abstracts: Cybernetics, computers, and automation technology, nos. 94-95; JPRS 53478, 53570.
- 12841-36. USSR scientific abstracts: Electronics and electrical engineering, no. 132; JPRS 53485.
- 12841-37. USSR scientific abstracts: Engineering and equipment, no. 103; JPRS 53477.
- 12841-38. USSR scientific abstracts: Materials science and metallurgy, no. 89; JPRS 53473.
- 12841-39. Vestnik of the USSR Academy of Medical Sciences, v. 26, no. 5, 1971; JPRS 53378.
- 12841-40. Vestnik of USSR Academy of Sciences, v. 40, no. 4, 1971; JPRS 53507.

JPRS (series).  $\Phi$  Paper, each \$3.00

Y 3.J 66:13/(nos.)

- 12842 53365. Ideological struggle in current international relations, USSR [complete translation]; by G. A. Arbator. June 15, 1971. cover title, a-b + 243 p. 4° [Moscow, 1970.]
- 12843 53366. Research of military operations, USSR [with bibliographies]; by Yu. V. Chuyev. June 15, 1971. cover title, a-c + 212 p. II. 4° [From Issledovaniye Operatsiy v Voennom Dele, 1970.]
- 12844 53376. Systems research, USSR [excerpt]. June 16, 1971. cover title, 28 p. II. 4° [Nauka Publishing House, 1970.]
- 12845 53389. Information-cost evaluation of tactics of statement of diagnosis, USSR [with bibliography]; by A. Z. Al'terman, L. A. Rastigin, et al. June 17, 1971. cover title, 16 p. 4° [From Riga, kibernetika i diagnostika, no. 3, 1969.]
- 12846 53390. Research on fast reactors, USSR; by N. V. Krasnoyarov. June 17, 1971. cover title, 4 p. 4° [From Soobshcheniye o sostoyanii rabot v oblasti bystrykh reaktorov, p. 1-6]
- 12847 53399. Two studies on digital computers, USSR [articles]. June 18, 1971. cover title, a + 6 p. II. 4° [From Priborostroyeniye, no. 3, 1971.]
- 12848 53401. Cybernetics and regulation theory, USSR [articles, with bibliographies]. June 18, 1971. cover title, a + 20 p. II. 4° [From Doklady Akademii Nauk SSSR, v. 198, no. 1, 1971.]
- 12849 53412. Oceanological investigations in Gulf of Mexico and Caribbean Sea, USSR [articles with bibliographies]. June 21, 1971. cover title, a + 56 p. II. 4° [From Okeanologicheskiye issledovaniya, no. 20, 1970.]
- 12850 53414. Bioelectrical control, man and automatic systems, USSR [articles, with bibliographies]. June 21, 1971. cover title, a + 70 p. II. 4° [Nauka Publishing House, 1970.]
- 12851 53420. Holography and its application in aviation and cosmonautics, USSR; by V. Frolov and Yu. Soluyanov. June 22, 1971. cover title, 6 p. 4° [From Aviatsiya i kosmonavtika, no. 4, 1971.]
- 12852 53422. Seismic research conducted by Institute of Oceanology, USSR [articles, with bibliographies]. June 22, 1971. cover title, a + 65 p. II. 4° [From Trudy Instituta Okeanologii, Seismicheskkiye issledovaniya stroeniya dna morey i okeanov, 1970.]
- 12853 53425. Psychological theory of thinking and cybernetics development, USSR; by V. N. Pushkin, D. A. Pospelov, et al. June 22, 1971. cover title, 22 p. II. 4° [From Voprosy psikhologii, no. 2, 1971.]
- 12854 53438. Moldavian regulation on state prizes, USSR [article]. June 23, 1971. cover title, 4 p. 4° [From Sovetskaya moldaviya, Apr. 3, 1971.]
- 12855 53443. World Health Organization reports quarantine diseases, USSR; by L. Naletova. June 24, 1971. cover title, 4 p. 4° [From Referativnyy zhurnal, 36 Meditsinskaya geografiya, no. 4, 1971.]
- 12856 53444. Study on glands, USSR [with bibliography]; by G. K. Kovalev. June 24, 1971. cover title, 18 p. 4° [From Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 1, 1971.]
- 12857 53447. Conditions of stability of satellite gravitational stabilization system with gyroscopic damping, USSR; by V. A. Sarychev. June 24, 1971. cover title, 23 p. II. 4° [From Astronautica acta, v. 14, 1969.]
- 12858 53450. Rendezvous game problems, USSR [book, with bibliography]; by N. N. Krasovskiy. June 24, 1971. cover title, a + 356 p. II. 4° [Nauka Press, Moscow, 1970.]
- 12859 53452. Main direction of mathematical modeling in microbiology, USSR; by A. M. Bezborodov, V. V. Biryukov, et al. June 24, 1971. cover title, 9 p. 4° [From Prikladnaya biokhimiya i mikrobiologiya, v. 7, no. 3, 1971.]
- 12860 53461. Foreign policy of PRC, USSR; by M. I. Makarov, I. Ya. Bednyak, et al. June 25, 1971. cover title, a + 180 p. 4°
- 12861 53462. Quantum-optical integrated circuits of gallium arsenide, USSR [with bibliography]; by I. S. Goldobin, A. S. Dobkin, et al. June 25, 1971. cover title, 3 p. 4° [From Fizika i tekhnika poluprovodnikov, v. 5, no. 1, 1971.]

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

## AUGUST 1971

- |  |       |   |
|--|-------|---|
| 24, 53408,<br>160; JPRS  | 22862 | 53483. Health, treatment, and disease prevention in USSR [articles]. June 29, 1971. cover title, a+19 p. 4° [From Meditsinskaya Gazeta, Mar. 26, 1971.]   |
| 427, 53460,<br>395, 53409,<br>420, 53435,                                  | 22863 | 53492. Determination of limiting capacity evaporation channels of Beloyarsk Nuclear Power Plant reactors, USSR [with bibliography]; by V. N. Smolin. June 30, 1971. cover title, 15 p. il. 4° [From Teploenergetika, no. 6, June 1971.] |
| 486, 53509,<br>technology,<br>no. 132;                                     | 22864 | 53493. Progress in welding, USSR; by Ye. Paton. June 30, 1971. cover title, 14 p. 4° [From Avtomaticheskaya Svarka, no. 5, 1971.]   |
| JPRS 53477,<br>89; JPRS  | 22865 | 53494. Philosophical-metodological problems of systems approach, USSR; by V. A. Lektoroskiy and V. S. Shvryev. June 30, 1971. cover title, 13 p. 4° [From Voprosy filosofii, no. 3, 1971.]  |
| 971; JPRS  | 22866 | 53498. Protection from penetrating radiation of nuclear explosion, USSR [with bibliographies]; by V. I. Kukhtevich, I. Y. Goryachev, et al. July 1, 1971. cover title, a-b+215 p. il. 4° [Atomizdat Press, 1970.]                       |
| 507.<br>13/(nos.)<br>[complete<br>+243 p. 4°<br>by Yu. V.<br>From Issle-   | 22867 | 53506. Protection of livestock against pesticides and CBR agents, USSR [articles]. July 1, 1971. cover title, a+9 p. 4° [From Veterinariya, no. 4, 1971.]   |
| 28 p. il. 4°   | 22868 | 53508. Observation of noctilucent clouds from space, USSR [with bibliography]; by K. Ya. Kondrat'yev, A. A. Buznikov, et al. July 1, 1971. cover title, 6 p. il. 4° [From Doklady Akademii Nauk SSSR, v. 197, no. 5, 1971.]             |
| osia, USSR<br>al. June 17,<br>itika, no. 3,<br>e 17, 1971.<br>ot v oblasti | 22869 | 53523. Information retrieval in field of chemistry, USSR [articles, with bibliographies]. July 8, 1971. cover title, a-b+168 p. il. 4° [Vsesoyuznogo Khimicheskogo obshchestva im. D. I. Mendeleeva, v. 18, no. 1, 1971.]               |
| 1971. cover  | 22870 | 53531. Cybernetics and regulation theory, USSR [articles with bibliography]. July 6, 1971. cover title, a+19 p. il. 4° [From Doklady akademii nauk SSSR, v. 197, no. 6, 1971.]  |
| ographies].<br>y Akademii  | 22871 | 53540. Influenza prophylaxis with amantadine and interferon, USSR [articles with bibliographies]; July 7, 1971. cover title, a+16 p. il. 4° [From Voprosy virusologii no. 2, 1971.]   |
| Sea, USSR<br>56 p. il. 4°  | 22872 | 53541. Chemistry and pharmacology of sleep, USSR [with bibliography]; by A. M. Veyn and N. A. Vlasov. July 7, 1971. cover title, 28 p. il. 4° [From Farmakologiya i Toksikologiya, v. 34, no. 3, 1971.]                                 |
| icles, with<br>1. Nauka  | 22873 | 53554. Human organism internal sphere simulation USSR [with bibliography]; by N. M. Amosov, et al. July 8, 1971. cover title, 14 p. il. 4° [From Fiziologichny zhurnal v. 17, no. 2, 1971.]   |
| ca, USSR;<br>le, 6 p. 4°   | 22874 | 53567. Scientific centers of future, USSR; by A. Rakitov. July 12, 1971. cover title, 9 p. il. 4° [From Nauka i zhizn no. 3, 1971.]   |
| r [articles,<br>4° [From<br>stroveniya                                     | 22875 | 53569. Probabilistic automata, USSR [book, with bibliography]; by D. A. Pospelov. July 12, 1971. cover title, a-b+100 p. il. 4° [From Energiya Press, 1970.]  |
|  | 22876 | 53572. New casting methods, USSR, [article]; by Ye. Muslin and A. Sashin. July 12, 1971. cover title, 5 p. 4° [From Ekonomicheskaya gazeta, no. 24, June 1971.]   |
|  | 22877 | 53581. Simulation of neural net, USSR [with bibliography]; by V. I. Lesin and E. Zhukauskas. July 13, 1971. cover title, 7 p. il. 4° [From Vii'nyus, Trudy Akademii Nauk Litovskiy SSR, seriya B, v. 1 (64), 1971.]                     |
|  | 22878 | 53587. Experimental burn studies, USSR [articles with bibliographies]. July 13, 1971. cover title, a+18 p. il. 4° [From Byulleten' Eksperimental'noy Biologii i Meditsiny, no. 5, 1971, Moscow.]  |
- JUSTICE DEPARTMENT

**JUSTICE DEPARTMENT**  
Washington, DC 20530

- cover title.  
23, 1971.  
USSR; by  
referativnyy  
v. June 24,  
demologii i  
system with  
1971. cover  
by N. N.  
auka Press,  
USSR; by  
title, 9 p.  
p. 3, 1971.]  
nyak, et al.
- 22879 Handbook on law of search and seizure; prepared by Legislation and  
Special Projects Section, Criminal Division. Revised Feb. 1971. [1971.]  
viii+54 p. 16" \*Paper, 35c. ● Item 717-A J 1.8/2: Se 1/971
- 22880 LEAA, 1970. [1970.] (Law Enforcement Assistance Administration.)  
\*Paper, \$2.50 per set (2 vols.)  
v. 1. Activities, July 1, 1969-June 30, 1970. viii+137 p. ill. 4" [Text same as  
2d annual report of Law Enforcement Assistance Administration. See  
Entry 14652 in Oct. 1970 Monthly Catalog.]  
v. 2. Grants and contracts, fiscal year, 1970. iv+130 p. 4" J 1.1/2: 970/v.1.2
- Opinion of Attorney General [Volume 42, Opinion]. \*Paper, \$4.00 per  
year, \$1.00 additional for foreign mailing; single copies vary in price.
- 22881 40. Export-Import Bank, guaranty of interest, subordination of claims for reim-  
bursement and subrogation; Mar. 10, 1971. [1971.] 8 p. \*Paper, 10c.  
● Item 718 J 1.5/a: 42/40
- PR-(series).
- 22882 71-1. Trace metal detection technique in law enforcement. Oct. 1970, [published  
1971.] [41+16 p. ill. (Law Enforcement Assistance Administration,  
National Institute of Law Enforcement and Criminal Justice.) Paper,  
20c. ● Item 717-D J 1.34: 71-

♦For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to depository Libraries

Page 65



# GOVERNMENT PUBLICATIONS

- 12883 Register of Department of Justice and Courts of United States. [1st revision, May 1, 1971.] [1971.] [1]+iii+125 p. [Includes margin index and instructions for use. Issued in looseleaf form.] \* Paper, \$4.00 a yr. (including basic manual and supplementary material); \$1.00 additional for foreign mailing. • Item 719 J 1.7: 970/rev.1

## LABOR DEPARTMENT Washington, DC 20210

- 12884 Address by J. D. Hodgson, Secretary of Labor before International Brotherhood of Teamsters Convention, Miami Beach, Fla., July 6, 1971. 1971. 8+2 leaves, 4" (Office of Information.) † L 1.13: H 66/11
- 12885 Address by Secretary of Labor J. D. Hodgson, International Association of Personnel in Employment Security Convention, St. Paul, Minn., June 22, 1971. 1971. 10 leaves, 4" † L 1.13: H 66/10
- 12886 Address by Secretary of Labor J. D. Hodgson, North American Conference on Labor Statistics, San Juan, P.R. June 16, 1971. 1971. 9 leaves 4" † L 1.13: H 66/9
- 12887 Canadian regulation of pension plans; by Frank M. Kleier. 1970. [2]+97 p. 4" (Labor-Management Services Administration.) ‡ L 1.2: P 38/4  
L.C. card 75-613607
- 12888 Canadian regulation of pension plans, pt. 2, Appendices. [1970.] [57] p. 4" (Labor-Management Services Administration.) ‡ L 1.2: P 38/4/pt.2  
L.C. card 75-613607
- 12889 Job bank using computer to bring people and jobs together. [1971.] 16 p. il. oblong 24" ([Manpower Administration.]) \* Paper, 15c. (S/N 2900-0128). • Item 745 L 1.2: J 57/14
- Manpower research monograph. (Manpower Administration.)
- 12890 24. Years for decision, longitudinal study of educational and labor market experience of young women; [by John R. Shea and others]. 1971. x+245 p. il. 4" \* Paper, \$2.00. (S/N 2900-0129.) • Item 746-H L 1.39/3: 24/v.1

## LABOR STANDARDS BUREAU, Labor Dept. Washington, DC 20210

- 12891 Maritime safety data for shipyards: Information sources for Material safety data sheet. [Feb. 1970.] 4 p. 4" (LS-538.) ‡ L 16.47/2: In 3
- 12892 — Information sources for Material safety data sheet. [Feb. 1971.] 4 p. 4" (LS-538.) ‡ L 16.47/2: In 3/971
- Safety standards technical reference LS (series).
- 12893 93. Face and eye protection. [1970.] [8] p. il. 4" † • Item 764-C L 16.51/6: 93

## LABOR STATISTICS BUREAU, Labor Dept. Washington, DC 20210

### BLS staff paper.

- 12894 5. Influence of selected industry characteristics on negotiated settlements; by Albert Schwenk. 1971. vi+28 p. \* Paper, 25c. (S/N 2901-0633). • Item 765-J L 2.71/5: 5
- Bulletins. • Item 768 L 2.3: (nos.)
- 12895 1312-7. Employment and earnings, United States, 1909-70, based on 1967 standard industrial classification; [prepared by Division of Industry Employment Statistics]. [1971.] xxiii+[1]+602 p. il. oblong 12" \* Paper, \$4.25.
- 12896 1685-38. Area wage survey: Sioux Falls, S. Dak., metropolitan area, Dec. 1970. Apr. 1971. iii+22 p. oblong 8" \* Paper, 35c.
- 12897 1685-42. Area wage survey: San Bernardino-Riverside-Ontario, Calif., metropolitan area, Dec. 1970. Apr. 1971. iv+31 p. oblong 8" \* Paper, 40c.
- 12898 1685-43. Area wage survey: Buffalo, N.Y., metropolitan area, Oct. 1970. Apr. 1971. iv+44 p. oblong 8" \* Paper, 50c.

\*For Sale by Superintendent of Documents  
†Distribution Made by Issuing Office  
‡Official Use. Not Available



# AUGUST 1971

- 12899 1685-49. Area wage survey: Pittsburgh, Pa., metropolitan area, Jan. 1971. Apr. 1971. iv+40 p. oblong 8° \* Paper, 50c.
- 12900 1685-55. Area wage survey: Waterbury, Conn., metropolitan area, Mar. 1971. June 1971. iii+18 p. oblong 8° \* Paper, 30c.
- 12901 1685-59. Area wage survey: Burlington, Vt. area, Mar. 1971. June, 1971. iii+22 p. il. oblong 8° \* Paper, 35c.
- 12902 1685-61. Area wage survey: South Bend, Ind., metropolitan area, Mar. 1971. June 1971. iii+18 p. oblong 8° \* Paper, 30c.
- 12903 1685-62. Area wage survey: Richmond, Va., metropolitan area, Mar. 1971. June 1971. iii+20 p. oblong 8° \* Paper, 30c.
- 12904 1685-63. Area wage survey: Birmingham, Ala., metropolitan area, Mar. 1971. June 1971. iii+30 p. oblong 8° \* Paper, 40c.
- 12905 1697. Industry wage survey: Structural clay products, Sept. 1969; [prepared by Joseph C. Bush]. 1971. vi+59+[2] p. 4° \* Paper, 65c. (S/N 2901-0648).
- 12906 1703. Industry wage survey: Banking, Nov. 1969; [prepared by Homer W. Jack]. [1971.] vi+60+[2] p. 4° \* Paper, 65c. (S/N 2901-0653.)
- 12907 1704. Industry wage survey: West Coast sawmilling and logging, Oct. 1969; [prepared by Robert L. Orr]. 1971. v+32 p. \* Paper, 45c. (S/N 2901-0655).
- 12908 1707. Union wages and hours: Printing industry, July 1, 1970; [prepared by Thomas C. Mobley]. 1971. v+64 p. 4° \* Paper, 65c. (S/N 2901-0646).
- 12909 1708. Union wages and hours: Local truckdrivers and helpers, July 1, 1970; [prepared by Thomas C. Mobley]. 1971. iv+40 p. 4° \* Paper, 50c. (S/N 2901-0651).
- 12910 1709. Union wages and hours: Building trades, July 1, 1970; [prepared by Arthur I. Rose]. 1971. v+40 p. \* Paper, 55c. (S/N 2901-0654).
- 12911 Manpower posture of seventies. Feb. 1971. [1]+23 p. il. 4° (Middle Atlantic Regional Office, New York, N.Y.) † Mr. Herbert Blenstock, Regional Director, U.S. Department of Labor, Bureau of Labor Statistics, 341 Ninth Ave., New York, NY 10001 L 2.292: M 31/3  
Monthly labor review, reprint.
- 12912 2736. Wage differences among manufacturing establishments [by] William R. Bailey and Albert E. Schwenk. [1971.] p. 16-19, 4° [From May 1971 issue.] † L 2.6/a: 2736
- 12913 Publications of Bureau of Labor Statistics, July-Dec. 1970. [1971.] cover title, ii+53 p. 4° † • Item 768-E L 2.34: 970/2  
Regional report. (Middle Atlantic Regional Office.)
- 12914 18. Professional, administrative and technical pay in New York, 1970; [prepared in Division of Program and Analysis]. Feb. 1971. v+74 p. il. 4° † L 2.71/6: 18  
Urban employment survey: Report.
- 12915 3. Detroit, poverty, broad outline, jobseeking methods, training experience, geographic mobility; [prepared by Frank C. Bauer]. Feb. 1971. vi+40 p. il. 4° (Region V, North Central.) † L 2.97: 3

## LAND MANAGEMENT BUREAU, Interior Dept. Washington, DC 20240

- 12916 Central Utah, recreation and wildlife on BLM lands. Aug. 1969. 1 sheet (with map on verso), il. oblong 8° folded into narrow large 8° size (Richfield District.) [Map and illustrations are colored.] † I 53.2: Ut 1/2
- 12917 Design prospectus for Fairbanks District Office. Mar. 1971. cover title, [46] p. il. 4° † I 53.2: F 15
- 12918 Opportunities in resource management. Feb. 1971. cover title, [7] p. il. 4° † • Item 631 I 53.2: R 31/2
- 12919 Southwest Utah, recreation and wildlife on BLM lands. Aug. 1969. 1 sheet (with map on verso), il. oblong 8° folded into narrow large 8° (Cedar City District.) [Map and illustrations are colored.] † I 53.2: Ut 1
- 12920 West central Utah, recreation and wildlife on BLM lands. Feb. 1970. 1 sheet (with map on verso), il. oblong 8° folded into narrow large 8° (Fillmore District.) [Map and illustrations are colored.] † I 53.2: Ut 1/3

•For Sale by National Technical Information Service,  
Springfield, VA 22151

•Sent to depository Libraries

Page 67

# GOVERNMENT PUBLICATIONS

## MANAGEMENT AND BUDGET OFFICE, Executive Office of the President, Washington, DC 20503

- 12921 1971 catalog of Federal domestic assistance. [1971.] [044] p. 4° [Issued in looseleaf form.] \* Plastic, \$7.25 (including basic catalog and supplementary material for an indefinite period); \$1.50 additional for foreign mailing. ● Item 853-A-1  
L.C. card 78-613743 PrEx 2.20: 971
- 12922 Proceedings of Federal Management Improvement Conference, Sept. 21 and 22, 1970, Washington, D.C. [1971.] [1]+vi+184 p. \* Paper, \$1.00.  
● Item 854-B  
L.C. card 70-611353 PrEx 2.19: 970

## MARINE CORPS (Navy), Defense Dept. Washington, DC 20350

### Fleet Marine Force manual FMFM (series). ● Item 384

- D 214.9/4: (nos.)
- 12923 1-2. Marine troop leaders guide [with list of references]. [Mar. 15, 1971.] cover title, 2+ [2]+xiii+410 p. ll. narrow 16° (PCN 139 000105 00.) [Supersedes FMFM 1-2, Feb. 25, 1966.] \* Paper, \$2.25.
- 12924 4-5. Medical and dental support [with list of references]. [1971.] [6]+iv+99 p. ll. 4° (PCN 139 000325 00.) [Issued with perforations. Supersedes FMFM 4-5, Dec. 5, 1965.] \* Paper, \$1.25.

### Manuscript register series. (Marine Corps Museum, Quantico, Va.) ‡ D 214.17: (nos.)

- 12925 2. Register of McLane Tilton papers 1861-1914 [with bibliography]; by Charles A. Wood and Jack B. Hilliard. [1971.] [3]+45 p. ll.
- 12926 3. Register of Samuel Miller papers 1814-56; by Doris S. Davis and Jack B. Hilliard. [1971.] [5]+50 p.
- 12927 4. Register of George C. Reid papers 1898-1960, P.C. 144; by Doris S. Davis, Richard A. Long and Tyson Wilson. [1971.] [3]+37 p. ll.
- 12928 5. Register of Levi Twigg papers 1834-50; by Doris S. Davis. [1971.] [5]+28 p. por.

## MARITIME ADMINISTRATION, Commerce Dept. Washington, DC 20548

- 12929 Intermodal container services offered by U.S. flag operators. Jan. 1971. cover title, [12] p. oblong 8° ‡  
C 3.9202: C 76/2
- MA SP (series). † C 39.210/2: (nos.)
- 12930 71-17. Remarks by A. E. Gibson, Assistant Secretary of Commerce for Maritime Affairs, at launching of SS Doctor Lykes, Quincy, Mass., July 10, 1971. 1971. 4 p. 4°
- 12931 71-18. Remarks of A. E. Gibson, Assistant Secretary of Commerce for Maritime Affairs, at seminar on modernization of freight handling, Washington, D.C., July 13, 1971. 4 p. 4°
- 12932 Ongoing merchant ships of 1,000 gross tons and over, scrapped and lost during calendar year 1969 (excludes vessels operating exclusively on Great Lakes and Inland Waterways and special types such as channel ships, icebreakers, cable ships, etc. and merchant ships owned by any military force); prepared by Office of Subsidy Administration, Division of Statistics. May 27, 1970. [1]+viii+29 p. 4° (Report MAR-560-23.) ‡  
C 39.229: 969
- 12933 United States and Canadian Great Lakes fleets, as of Dec. 31, 1967; [prepared by Kathryn J. Marks]. [1971.] [3]+16 p. 4° ([Office of Subsidy Administration, Division of Statistics.]) [Report MAR-560-32.] ‡  
C 39.214: 969

## MATERNAL AND CHILD HEALTH SERVICE, Health, Education, and Welfare Dept., Bethesda, MD 20014

- 12934 Screening children for nutritional status, suggestions for child health programs [with list of references]. 1971. vii+28 p. ll. 4° ([Public Health Service publication 2158.]) \* Paper, 40c. ● Item 483-V-1  
HE 20.2752: N 95/2

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# AUGUST 1971

- 12935 State laws pertaining to phenylketonuria as of November 1970. 1971. [5]  
+53 p. 4° ([Public Health Service publication 2187.]) † ● Item  
483-V-5  
L.C. card 77-613653  
HE 20.2755 : P 52

## MEDICINE AND SURGERY BUREAU (Navy), Defense Dept. Washington, DC 20350

- 12936 Manual of Medical Department [1952]: Change 65. May 7, 1971. [42] p. 4°  
[Issued in looseleaf form.] †  
D 206.8/2 : 952/ch.65  
12937 — Change 66. May 25, 1971. [30] p. 4° [Issued with perforations.] †  
D 206.8/2 : 952/ch.66

## MINES BUREAU, Interior Dept. Washington, DC 20240

### Bulletin.

- 12938 650. Mineral facts and problems, by Staff, Errata. [1970.] 1 p. 4° † ● Item  
636  
I 28.3 : 650/errata

### Information circulars. ● Item 637-B I 28.27 : (nos.)

- 12939 8506. Causes and prevention of transportation accidents in bituminous coal mines  
[with list of references]; by Ernest A. Curth. [1971.] [2]+iv+107  
p. ll. 4° \* Paper, \$1.00.  
12940 8513. Computer program for economic evaluations of underground bituminous coal  
mines [with list of references]; by Robert A. Miller. [1971.] [3]+42 p.  
\* Paper, 50c. (S/N 2404-0959).  
12941 Mineral industry of Louisiana; [by S. O. Wood, jr. and Leo W. Hough].  
[1971.] [2]+19 p. ll. [Preprint from Minerals yearbook, 1969.] \* Paper,  
15c. I 28.37/a 2 : L 93/969  
12942 Mineral industry of Texas; [by Owen W. Jones, F. F. Netzeband, and  
Roselle Girard]. [1971.] [2]+36 p. ll. [Preprint from Minerals yearbook,  
1969.] \* Paper, 20c. I 28.37/a 2 : T 31/969

### Petroleum products survey (series). (Mineral industry surveys.)

- 12943 70. Motor gasoline, winter 1970-71; [by Ella Mae Shelton and C. M. McKinney].  
June 1971. cover title. [1]+54 p. ll. 5 pl. 4° † Mines Bureau, Pittsburgh.  
PA 15213 ● Item 642-A I 28.18/3 : 70

### Report of investigations. ● Item 637-A I 28.23 : (nos.)

- 12944 7521. New internal oxidation process for strengthening tungsten [with list of  
references]; by Robert Blickensderfer, Mark I. Copeland, and William L.  
O'Brien. June 1971. [2]+il+40 p. ll. 4° † Mines Bureau, Pittsburgh.  
PA 15213  
12945 7525. Washability examinations of Wyoming coals; by A. W. Deurbrouck. [June  
1971.] [2]+il+47 p. 4° † Mines Bureau, Pittsburgh, PA 15213  
12946 7526. Analysis of tunnel support structure with consideration of support-rock  
interaction [with list of references]; by J. D. Dixon. [June 1971.]  
[2]+il+45 p. ll. 4° † Mines Bureau, Pittsburgh, PA 15213  
12947 7530. Diesel emissions reinventoried [with list of references]; by W. F. Marshall  
and R. D. Fleming. [July 1971.] [2]+il+24 p. ll. 4° [Prepared in  
cooperation with Air Pollution Control Office of Environmental Protection  
Agency.] † Mines Bureau, Pittsburgh, PA 15213  
12948 7531. Flexible, spiral-reinforced circular ventilation tubing, system pressure loss  
tables for selection; by Richard J. Kline and Alfred Reiss. [July 1971.]  
[3]+61 p. 4° [Supplement to Report of investigations 7085.] † Mines  
Bureau, Pittsburgh, PA 15213  
12949 7532. Utah crude oils, characteristics of 67 samples [with list of references]; by  
W. J. Wenger and J. C. Morris. [1971.] [3]+51 p. ll. 4° [Based on work  
done under cooperative agreement with University of Wyoming.] † Mines  
Bureau, Pittsburgh, PA 15213  
12950 7533. Recovery of phosphates and metals from waste phosphate sludge by  
reduction-sinter processes [with list of references]; by R. F. Waters,  
H. E. Powell, and A. A. Cochran. [July 1971.] [3]+10 p. ll. 4° † Mines  
Bureau, Pittsburgh, PA 15213  
12951 7534. Small-scale test for free-swelling index of coal [with list of references];  
by R. F. Abernethy and J. P. Snyder. [July 1971.] [3]+17 p. ll. 4°  
† Mines Bureau, Pittsburgh, PA 15213  
12952 7542. Preliminary survey of polymer-impregnated rock [with list of references];  
by Lester J. Crow [and others]. [July 1971.] [2]+il+35 p. ll. 4°  
† Mines Bureau, Pittsburgh, PA 15213

◆For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to depository Libraries

Page 69

## GOVERNMENT PUBLICATIONS

### Technical progress report.

- 12953 34. Preliminary separation of metals and nonmetals from urban refuse; by K. C. Dean, C. J. Chindgren, and LeRoy Peterson. June 1971. [2]+10 p. il. 4° (Bureau of Mines Solid Waste Research Program.) † Mines Bureau, Pittsburgh, PA 15213 ● Item 637-A

### MINT BUREAU, Treasury Dept. Washington, DC 20220

- 12954 Annual report of Director of Mint for fiscal year June 30, 1970. [1971.] xi+190 p. il. ([Treasury Department document 3253.]) \* Paper, \$1.00. (S/N 4805-0000). ● Item 965 T 28.1: 970

### MISSOURI BASIN INTER-AGENCY COMMITTEE

NOTE.—The chairman of the Missouri Basin Inter-Agency Committee for fiscal year 1971 is Harrell F. Mosbaugh, PO Box 2530, Billings, MT 59103.

- 12955 Annual programming report, fiscal years 1971-73. May 1971. cover title, [3]+155 p. 4° † Y 3.M 69: 8/971-73

### MOTOR CARRIER SAFETY BUREAU, Transportation Dept. Washington, DC 20591

Motor carrier accident investigation reports. † TD 2.309: (nos.)

- 12956 70-8. Carl Frank Owens, fatigued truck driver, 18 killed, accident, June 29, 1970, Carthage, Tenn. [1971.] [2]+9 p. il. 4°  
12957 70-9. Critt trucking, accident, Sept. 16, 1970, Marion, Ark. [1971.] [1]+9 p. il. 4°

### NATIONAL AERONAUTICS AND SPACE ADMINISTRATION Washington, DC 20546

NASA contractor report CR (series). ♦ Paper, each, \$3.00.

NAS 1.26: (nos.)

- 12958 1723. Study and production of polybenzimidazole billets, laminates and cylinders [with list of references]; by Burton S. Marks, Lester E. Shoff, and Gazel W. Watsey. May 1971. cover title, [157] p. il. 4° [Prepared by Lockheed Missiles & Space Company, Palo Alto, Calif.; contract NAS 2-6521.]  
12959 1729. Algorithm for Liapunov stability analysis of complex nonlinear systems with applications to orbiting astronomical observatory [with list of references]; by Gunther R. Geiss [and others]. May 1971. cover title, xii+167 p. il. 4° [Prepared under contract NAS 2-4063 by Grumman Aerospace Corporation, Bethpage, N.Y.]  
12960 1745. Structural dynamics of heliogyro [with list of references]; by Richard H. MacNeal. May 1971. cover title, xii+95 p. il. 4° [Prepared under contract NAS 7-699 by The MacNeal-Schwendler Corporation, Los Angeles, Calif.]  
12961 1760. NASA list of potential space tools and equipment [with bibliography]; by Lawrence B. Johnson, Eric Sander, and Stanley Lebow. May 1971. cover title, [426] p. il. 4° [Prepared under contract NAS 2-5073 by Raff Associates, Inc., Silver Spring, Md.]  
12962 1761. Community reaction to airport noise, v. 1 [with list of references]. July 1971. cover title, x+89 p. il. 4° [Prepared under contract NASW-1549 by TRACOR, Inc., Austin, Tex.]  
12963 1777. Model studies of Helmholtz resonances in rooms with windows and doorways [with list of references]; by Gary Koopmann and Howard Pollard. June 1971. cover title, [1]+29 p. il. 4° [Prepared under contract NGR 52-025-002 by University of Southampton, Southampton, England.]  
12964 1781. Effects on muscle tension and tracking task performance of simulated sonic booms with low and high intensity vibrational components [with list of references]; by Jerome S. Lukas, Mary E. Dobbs, and Donald J. Peeler. June 1971. cover title, v+28 p. il. 4° [Prepared under contract NAS1-9280 by Stanford Research Institute, Menlo Park, Calif.]  
12965 1784. Manipulation errors in computer solution of critical size structural equations [with list of references]; by R. J. Melosh. June 1971. cover title, viii+42 p. il. 4° [Prepared under contract NAS5-10365 by Philco-Ford Corporation, Palo Alto, Calif.]  
12966 1785. Radiation effects design handbook: Section 1. Semiconductor diodes [with bibliographies]; by C. L. Hanks and D. J. Hamman. July 1971. cover title, xii+30 p. il. 4° [Prepared under contract NASW-1568 by Radiation Effects Information Center, Columbus, Ohio.]

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# AUGUST 1971

- 12967 1800. Imperfection sensitivity of optimum structural designs for Mars entry capsule [with list of references]; by Gerald A. Cohen. June 1971. cover title, v+27 p. il. 4° [Prepared under contract NAS1-5554-8 by Philco-Ford Corporation, Newport Beach, Calif.]
- 12968 1804. Radiation measurements and low frequency and high pressure investigations of induction heated plasma [with list of references]; by Charles E. Vogel, John W. Poole, and Peter H. Dundas. May 1971. cover title, v+82 p. il. 4° [Prepared under contract NAS 3-13225 by Tafa Division, Humphreys Corporation, Concord, N.H. for Lewis Research Center.]
- 12969 1806. General dynamics of physical-chemical systems in mammals [with bibliography]; by A. Iberall, M. Weinberg, and A. Schindler. June 1971. cover title, iii+72 p. il. 4° [Prepared under contract NASW-1815 by General Technical Services, Inc., Upper Darby, Pa.] L.C. card 70-613619
- 12970 1807. See, Transportation Department DOT-TST series no. 10-1.
- 12971 1808. See, Transportation Department DOT-TST series no. 10-2.
- 12972 1809. See, Transportation Department DOT-TST series no. 10-3.
- 12973 1810. Refractory metal valves for 1900°F service in alkali metal systems; by R. W. Harrison and J. Holowach. May 1971. cover title, xiii+155 p. il. 4° [Prepared under contract NAS 3-8514 by General Electric Company, Cincinnati, Ohio. Issued by originator as report GESP 508.]
- 12974 1816. Computational studies of 3-dimensional transonic shear flow, work in progress [with list of references]; by David A. Oliver and Panagiotis Sparis. May 1971. cover title, v+83 p. il. 4° [Prepared under contract NGL 22-006-355 by Gas Turbine Laboratory, Massachusetts Institute of Technology, Cambridge, Mass.]
- 12975 1836. Study of structure of jet turbulence producing jet noise [with list of references]; by D. C. Wooten [and others]. July 1971. cover title, xii+73 p. il. 4° [Prepared under contract NASW-1938 by Stanford Research Institute, Menlo Park, Calif.]
- 12976 1837. Experimental investigation of high amplitude panel flutter [with list of references]; by H. P. Kappus, C. E. Lemley, and N. H. Zimmerman. May 1971. cover title, v+124 p. il. 4° [Prepared under contract NAS 8-21250-OMSF by McDonnell Corporation, McDonnell Aircraft Co., St. Louis, Mo.]
- 12977 1841. Study of vibrational excitation mechanisms of CO<sub>2</sub> at high temperatures [with list of references]; by Joseph W. Rich, Ronald G. Rehm, and Charles E. Treanor. May 1971. cover title, vii+60 p. il. 4° [Prepared under contract NAS 2-4185 by Cornell Aeronautical Laboratory, Inc., Buffalo, N.Y.]
- 12978 1842. Shock wave study of Coconino sandstone [with list of literature cited]; by F. H. Shipman, V. G. Gregson, and A. H. Jones. May 1971. cover title, v+46 p. il. 4° [Prepared under contract NAS 2-3427 by General Motors Corporation, Warren, Mich.]
- 12979 1848. Analytical properties of noise generating mechanisms in supersonic jet exhaust flow [with lists of references]; by S. P. Pao. May 1971. cover title, 166 p. il. 4° [Prepared under contract NAS 8-25893 by Wyle Laboratories, Huntsville, Ala.]
- 12980 1851. Experimental study of 1- and 2-component low-turbulence confined coaxial flows [with list of references]; by John C. Bennett and Bruce V. Johnson. June 1971. cover title, v+84 p. il. 4° [Prepared under contract NAS 3-13459 by United Aircraft Corporation, East Hartford, Conn.]
- NASA SP (series). NAS 1.21: (nos.)
- 12981 125. Design of liquid propellant rocket engines; [by] Dieter K. Huzel and David H. Huang. 2d edition. 1971. ix+460 p. il. 4° (Scientific and Technical Information Office.) \* Paper, \$3.00.
- 12982 164. Thermal radiation heat transfer: v. 3. Radiation transfer with absorbing, emitting, and scattering media [with lists of references]; by Robert Siegel and John R. Howell. 1971. ix+359 p. il. (Scientific and Technical Information Office.) \* Paper, \$1.75. \* Item 830-I L.C. card 67-62877
- 12983 232. Analysis of Apollo 10 photography and visual observations [with list of references]; compiled by NASA Manned Spacecraft Center. 1971. vii+226 p. il. 6 pl. in pocket. 4° (Scientific and Technical Information Office.) \* Paper, \$4.25. \* Item 830-I L.C. card 72-606239
- 12984 250. This Island Earth, edited by Oran W. Nicks. 1970. viii+[2]+182 p. il. 4° (Scientific and Technical Information Division, Office of Technology Utilization.) [Some illustrations are colored.] \* Paper, \$6.00. \* Item 830-I L.C. card 73-608969
- 12985 255. Third conference on sonic boom research, conference held at NASA Headquarters, Washington, D.C., Oct. 29-30, 1970 [proceedings, papers with lists of references]; edited by Ira R. Schwartz. 1971. xi+441 p. il. (Scientific and Technical Information Office.) \* Paper, \$2.00. \* Item 830-I L.C. card 71-610001

For Sale by National Technical Information Service,  
Springfield, VA 22151

Sent to depository Libraries

Page 71

# GOVERNMENT PUBLICATIONS

## NASA SP (series)—Continued

- 12986 256. Astronomical use of television-type image sensors, proceedings of symposium sponsored by National Aeronautics and Space Administration and American Astronomical Society and held at Princeton University, N.J., May 20-21, 1970 [with lists of references]; edited by V. Richard Boscarino. 1971. viii+217 p. il. 4° (Scientific and Technical Information Office.) ♦ Paper, \$3.00.  
L.C. card 70-612421
- 12987 264. Barium releases at altitudes between 200 and 1000 kilometers, joint Max-Planck-Institut-NASA experiment [with lists of references]; compiled by Hal T. Baber, jr. (Scientific and Technical Information Office.) [Prepared at NASA Langley Research Center.] ♦ Paper, \$3.00.  
L.C. card 77-613558
- 12988 3024. Models of trapped radiation environment: v. 7. Long term time variations [with lists of references; by] W. L. Imhof [and others]. 1971. v+67 p. il. 4° (Scientific and Technical Information Office.) [Prepared by NASA Goddard Space Flight Center.] ♦ Paper, \$3.00.
- 12989 3066. Partition functions and equations of state in plasmas [with list of references; by] W. M. Sparks and D. Fischel. 1971. v+613 p. 4° (Scientific and Technical Information Office.) [Prepared at Goddard Space Flight Center.] ♦ Paper, \$9.00.  
L.C. card 77-612412
- 12990 5078. Biomedical research and computer application in manned space flight, report [with lists of references]; edited by Jefferson F. Lindsey and John C. Townsend. 1971. viii+198 p. il. 4° ([Technology Utilization]; Technology Utilization Office.) ♦ Paper, \$2.00. ● Item 880-1  
L.C. card 72-608485
- 12991 5094. Implantable biotelemetry systems, report [with bibliographies]; by Thomas B. Fryer, Ames Research Center. 1970 [published 1971]. vi+113 p. il. ([Technology Utilization]; Technology Utilization Office.) ♦ Paper, 55c. ● Item 830-1  
L.C. card 75-606340
- 12992 5926(01). Measurement technology, compilation. 1970. iv+19 p. il. 4° ([Technology utilization]; Technology Utilization Office.) ♦ Paper, \$1.00.  
L.C. card 70-613686
- 12993 5927(01). Valve technology, compilation. 1970. iv+17 p. il. 4° ([Technology utilization]; Technology Utilization Office.) ♦ Paper, \$1.00.  
L.C. card 78-613593
- 12994 5929(01). Materials handling, compilation. 1970. iv+12 p. il. 4° ([Technology utilization]; Technology Utilization Office.) ♦ Paper, \$1.00.  
L.C. card 78-613727
- 12995 5930(01). Thermal insulation, compilation. 1970. iv+10 p. il. 4° ([Technology utilization]; Technology Utilization Office.) ♦ Paper, \$3.00.  
L.C. card 71-613673
- 12996 7037(03). Aeronautical engineering, special bibliography, supp. 3. [Mar. 1971.] [139] p. 4° (Scientific and Technical Information Office, Office of Industry Affairs and Technology Utilization.) [Selection of annotated references to unclassified reports and journal articles that were introduced into NASA scientific and technical information system and announced in Feb. 1971 in Scientific and technical aerospace reports (STAR) and International aerospace abstracts (IAA).] ♦ Paper, \$3.00.  
L.C. card 71-613578
- 12997 7037(04). Aeronautical engineering, special bibliography, supp. 4. 1971. [117] p. 4° (Scientific and Technical Information Office, Office of Industry Affairs and Technology Utilization.) [Selection of annotated references to unclassified reports and journal articles that were introduced into NASA scientific and technical information system and announced in Mar. 1971 in Scientific and Technical Aerospace Reports (STAR) and International Aerospace Abstracts (IAA).] ♦ Paper, \$3.00.  
L.C. card 71-613578
- 12998 7500(05). Management, continuing literature survey, with indexes; selection of annotated references to unclassified reports and journal articles entering NASA and DoD information systems in 1970. May 1971. viii+67+60 p. il. 4° (Scientific and Technical Information Office, Office of Industry Affairs and Technology Utilization.) ♦ Paper, \$3.00.

## NASA technical note TN (series). ♦ Paper, each, \$3.00.

NAS 1.14: D-(nos.)

- 12999 D-6120. Thrusting trajectory minimization program for orbital transfer maneuvers [with list of references]; by Lawrence H. Hoffman, Richard N. Green, and George R. Young. June 1971. cover title, [1]+51 p. il. 4°
- 13000 D-6196. Nonlinear acoustic theory for rigid porous materials [with list of references]; by William E. Zorunski and Tony L. Parrott. June 1971. cover title, [1]+26 p. il. 4°
- 13001 D-6217. Simple integral method for calculation of real-gas turbulent boundary layers with variable edge entropy [with list of references]; by Charles B. Johnson and Lillian R. Boney. June 1971. cover title, [1]+45 p. il. 4°

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available



- 13002 D-6218. Method for reducing sensitivity of optimal nonlinear systems to parameter uncertainty [with list of references]; by Jerrell R. Elliott and William F. Teague. June 1971. cover title, [1]+40 p. il. 4°
- 13003 D-6220. Numerical analysis of transient response of ablating axisymmetric bodies including effects of shape change [with list of references]; by Stephen S. Tompkins [and others]. May 1971. cover title, [1]+43 p. il. 4°
- 13004 D-6224. Experimental investigation of three balloon-type enclosures for thermal control of satellites [with list of references]; by George E. Sweet. June 1971. cover title, [1]+46 p. il. 4°
- 13005 D-6239. Longitudinal stability characteristics of preliminary configurations for Scout D at Mach numbers 0.20 to 4.63; by Robert J. Keynton. May 1971. cover title, [1]+130 p. il. 4°
- 13006 D-6242. Effects of simulated Martian mission on mechanical properties of dacron parachute material [with list of references]; by David C. Spence. June 1971. cover title, [1]+39 p. il. 4°
- 13007 D-6265. Instrumentation requirements for flight reentry heating experiment at interplanetary return velocity [with list of references]; by Elden S. Cornette and Edward M. Sullivan. June 1971. cover title, [1]+45 p. il. 4°
- 13008 D-6266. Lunar orbiter meteoroid experiments, descriptions and results from 5 spacecraft [with list of references]; by Gary W. Grew and Charles A. Gurtler. June 1971. cover title, [1]+43 p. il. 4°
- 13009 D-6271. Buckling tests of two integrally stiffened cylinders subjected to bending [with list of references]; by James Kent Anderson and James P. Peterson. June 1971. cover title, [1]+25 p. il. 4°
- 13010 D-6276. Cyclic oxidation resistance of clad IN-100 at 1040° and 1090° C: time, cycle frequency, and clad thickness effects [with list of references]; by Michael A. Godwill. June 1971. cover title, [1]+42 p. il. 4°
- 13011 D-6281. Flow patterns and pressure distributions around bluff afterbody in wake of 120° cone for various separation distances at Mach 3.0 [with list of references]; by William D. Develkis and James Wayne Sawyer. June 1971. cover title, [1]+42 p. il. 4°
- 13012 D-6292. Experimental investigation of use of slotted test-section walls to reduce wall interference for high-lift model testing [with list of references]; by Kalman J. Grunwald. June 1971. cover title, [1]+72 p. il. 4°
- 13013 D-6293. Analysis of thermal response of high-density phenolic-nylon on spacecraft launched by Pacemaker vehicle system [with list of references]; by William G. Witte. May 1971. cover title, [1]+42 p. il. 4°
- 13014 D-6298. NASA LRC faint meteor spectra patrol [with list of references]; by Gale A. Harvey. July 1971. cover title, [1]+25 p. il. 4°
- 13015 D-6299. Fixed-base simulator investigation of lightweight vehicles for lunar escape to orbit with kinesthetic attitude control and simplified manual guidance [with list of references]; by David B. Middleton and George J. Hurt, Jr. June 1971. cover title, [1]+38 p. il. 4°
- 13016 D-6303. Airborne meteor observations at high latitudes [with list of references]; by K. Stuart Clifton. June 1971. cover title, iv+49 p. il. 4°
- 13017 D-6310. Oxidation of carbon at high temperatures: reaction-rate control or transport control [with list of references]; by Howard C. Maahs. June 1971. cover title, [1]+21 p. il. 4°
- 13018 D-6319. Formation and propagation of shock wave from concave boundary [with list of references]; by Dudley G. McConnell. July 1971. cover title, [1]+16 p. il. 4°
- 13019 D-6346. Effects of spanwise variation of gust velocity on alleviation system designed for uniform gust velocity across span [with list of references]; by L. Keith Barker. June 1971. cover title, [1]+22 p. il. 4°
- 13020 D-6353. Friction and wear of poly(amideimide), polyimide, and pyrrone polymers at 260° C (500° F) in dry air [with list of references]; by William R. Jones, Jr., William F. Hady, and Robert L. Johnson. May 1971. cover title, [1]+16 p. il. 4°
- 13021 D-6355. Comparison of simplex and dual-orifice fuel nozzles with ambient and heated fuel in annual turbojet combustor [with list of references]; by Donald F. Schultz, Jerrold D. Wear and Porter J. Perkins. June 1971. cover title, [1]+35 p. il. 4°
- 13022 D-6356. Molecular dynamics of polar gas rotational relaxation [with list of references]; by Frank J. Zeleznik, John V. Dugan, Jr., and Raymond W. Palmer. June 1971. cover title, [1]+46 p. il. 4°
- 13023 D-6363. Friction and wear of sintered tungsten, molybdenum, and cobalt-molybdenum impregnated with fluoride eutectic [with list of references]; by Harold E. Silney and Robert L. Fusaro. June 1971. cover title, [1]+22 p. il. 4°
- 13024 D-6366. Effect of surface films on deformation of zinc single-crystal surface during sliding [with list of references]; by Donald H. Buckley. June 1971. cover title, [1]+15 p. il. 4°
- 13025 D-6367. Effect of contact angle on rolling-element fatigue life with fluorinated ether lubricant at cryogenic temperature of 170 K (305° R) [with list of references]; by Marshall W. Dietrich, Dennis P. Townsend, and Erwin V. Zaretsky. June 1971. cover title, [1]+20 p. il. 4°
- 13026 D-6370. Correlation of secondary sonic and supersonic gaseous jet penetration into supersonic crossflows [with list of references]; by Frederick P. Povinelli and Louis A. Povinelli. June 1971. cover title, [1]+20 p. il. 4°

✦For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to depository Libraries

# GOVERNMENT PUBLICATIONS

## NASA technical note TN (series)—Continued

- 13027 D-6371. Optimization of conical hydrostatic bearing for minimum friction [with list of references]; by Lester J. Nyman [and others]. June 1971. cover title, [1]+36 p. il. 4°
- 13028 D-6372. Theory of Thomson scattering from weakly ionized plasma [with list of references]; by Richard G. Seasholtz. June 1971. cover title, iii+45 p. il. 4°
- 13029 D-6373. Aerodynamic properties of rough spherical balloon wind sensors [with list of references]; by George H. Fichtl, R. E. DeMandel and S. J. Krivo. June 1971. cover title, v+26 p. il. 4°
- 13030 D-6380. Superconducting properties of niobium films [with list of references]; by Wayne R. Hudson and Russell J. Jirberg. June 1971. cover title, [1]+24 p. il. 4°
- 13031 D-6383. Consideration of simple model atoms for argon discharge calculations [with list of references]; by James R. Rose and John V. Dugan, Jr. June 1971. cover title, [1]+19 p. il. 4°
- 13032 D-6385. Electron and Bremsstrahlung penetration and dose calculation [with list of references]; by John W. Watts, Jr., and M. O. Burrell. June 1971. cover title, x+86 p. il. 4°
- 13033 D-6392. Experimental investigation of large-scale, two-dimensional, mixed-compression inlet system, performance at supersonic conditions  $M_\infty = 1.55-3.2$  [with list of references]; by Norman D. Wong and Warren E. Anderson. June 1971. cover title, iv+59 p. il. 4°
- 13034 D-6398. Flight-determined acceleration and climb performance of F-104G airplane for use in optimum-flight-path computer program [with list of references]; by Robert T. Marshall. June 1971. cover title, [1]+36 p. il. 4°
- 13035 D-6417. Unified formalism for position determination from various navigation measurements [with list of references]; by Homer Q. Lee. July 1971. cover title, vii+22 p. il. 4°
- 13036 D-6428. In-flight use of traversing boundary-layer probes [with list of references]; by Edwin J. Saltzman. July 1971. cover title, [1]+32 p. il. 4°
- 13037 D-6433. Convective heat-transfer rates on blunted  $110^\circ$  cone with hemispherical afterbody at hypersonic speeds [with list of references]; by David A. Stewart. July 1971. cover title, iv+18 p. il. 4°

## NASA technical report R (series).

- 13038 357. Solution of initial-value problem in linear transport theory, monoenergetic neutrons in a slab with infinite reflectors [with list of references]; by Perry A. Newman and Robert L. Bowden. May 1971. cover title, v+110 p. il. 4° • Paper, \$3.00. NAS 1.12: 357

## NASA technical translation TT (series).

NAS 1.13/2: (nos.)

- 13039 F-620. Natural convection heat transfer in boiling of metals [with list of references]; by V. N. Subbotin [and others]. June 1971. cover title, ix+182 p. il. 4° [Nauka Press, Moscow, 1969.] • Paper, \$3.00.
- 13040 F-628. Thermal sensing of atmosphere from satellites [with list of references]; by K. Ya. Kondrat' yev and Yu. M. Timofeyev. June 1971. cover title, iv+370 p. il. 4° [Gidrometeorologicheskoye Press, Leningrad, 1970.] • Paper, \$6.00.
- 13041 F-635. Dynamics of radiation belts of the earth [with list of references]; by B. A. Tverskoy. June 1971. cover title, vii+194 p. il. 4° [Translation of Dinamika radiatsionnykh poyasov zemli, Nauka Press, Moscow, 1965.] • Paper, \$3.00.
- 13042 F-637. Auroras, collection of articles no. 17 [with lists of references]; edited by S. I. Isayev and Ya. I. Fel'dshteyn. June 1971. cover title, vii+242 p. il. 4° [Translation of Polyarnyye siyaniya, Sbornik Statey, no. 17, Nauka Press, Moscow, 1968.] • Paper, \$3.00.

- 13043 On the moon with Apollo 15, guidebook to Hadley Rille and Apennine Mountains [with bibliography]; by Gene Simmons. June 1971. v+46 p. il. 4° • Paper, 50c. (S/N 3300-0384). • Item 830-F NAS 1.18: M 77 L.C. card 77-613759

## Reference earth orbital research and applications investigations [blue book]. Jan. 1971 edition. [1971.] (NHB 7150.) • Item 830-C

NAS 1.2: Ea 7/3/v. (nos.)

- 13044 v. 1. Summary. cover title, [78] p. il. 4° • Paper, 70c. (S/N 3300-0368). • Item 830-C
- 13045 v. 2. Astronomy. cover title, [302] p. il. 4° • Paper, \$2.50. (S/N 3300-0369).
- 13046 v. 3. Physics. cover title, [211] p. il. 4° • Paper, \$1.75. (S/N 3300-0370).
- 13047 v. 5. Communications/navigation. cover title, [71] p. il. 4° • Paper, 65c. (S/N 3300-0372).
- 13048 v. 6. Materials sciences and manufacturing. cover title, [104] p. il. 4° • Paper, \$1.25. (S/N 3300-0373).

- 13049 Space in the 70's, new series of five films offered, beginning Aug. 15, 1971. cover title, 12 p. il. narrow 8° [Text on p. 2-4 of cover.] † • Item 830-C NAS 1.2: Sp 1/20

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

**NATIONAL ARCHIVES AND RECORDS SERVICE, General Services  
Administration, Washington, DC 20408**

**General information leaflet.**

- 13050 19. Washington National Records Center. [1971.] [2]+5 p. ll. narrow 8°  
(171-17.) † GS 4.22:19

**National Archives microfilm publications: Pamphlet describing [Micro-  
copy]. (National Archives.) ‡ GS 4.20:(nos.)**

- 13051 190. Federal Register. 1971. cover title, 8 p.  
13052 715. Records of Department of State relating to internal affairs of Persia; [pre-  
pared by Ralph E. Huss]. 1971. cover title, 14 p.  
13053 765. Internal revenue assessment lists for Indiana 1862-66; [prepared by  
Claudine J. Welher and Clarence F. Lyons, jr.]. 1971. cover title, 11 p.  
13054 Records management handbook, managing information retrieval: Informa-  
tion retrieval systems. 1970 [published 1971]. cover title, iv+150 p.  
4° (FPMR 101-11.3; Federal stock number 7610-181-7577; Office of  
Records Management.) \* Paper, \$1.75. • Item 569-B  
L.C. card 79-612320 GS 4.6/2: In 3

**Special list.**

- 13055 24. Federal population and mortality census schedules, 1790-1890, in National  
Archives and the States: Outline of a lecture on their availability, content  
and use; compiled by W. Neil Franklin. 1971. vii+89 p. 4° (National  
Archives.) †  
L.C. card 70-611467 GS 4.7: 24

**NATIONAL BUREAU OF STANDARDS, Commerce Dept.  
Gaithersburg, MD 20760**

- 13056 Bibliography on motor vehicle & traffic safety. June 1971. cover title, iv  
+220 p. 4° (Office of Vehicle Systems Research.) † • Item 240-A  
L.C. card 78-613735 C 13.37/4: M 85

- 13057 11 ways to reduce energy consumption and increase comfort in household  
cooling. [1971.] cover title, [20] p. ll. 4° (Institute for Applied Tech-  
nology, Building Research Division.) [Prepared in cooperation with  
Office of Consumer Affairs.] \* Paper, 35c. (S/N 0303-0876). • Item  
244 C 13.2: En 2

**Monograph.**

- 13058 121. Effect of time ordering on Lyman  $\alpha$  profile [with list of references; by]  
J. T. Godfrey [and others]. June 1971. ii+12+[1] p. ll. 4° \* Paper, 30c.  
• Item 247-A C 13.44: 121

**Special publications. • Item 247 C 13.10:(nos.)**

- 13059 236. NBS frequency and time broadcast services, radio stations WWV,  
WWVH, WWVR, and WWVL; P. P. Vlezibke, Editor. 1971 edition.  
July 1971. ii+14 p. ll. 4° [Supersedes NBS special publication 236,  
1970, and previous editions.] \* Paper, 25c. (S/N 0303-0866).  
13060 260-29. Standard reference materials: Calibration of NBS secondary standard  
magnetic tape (computer amplitude reference) SRM 3200 using refer-  
ence tape amplitude measurement process A model II; [by] Sidney B.  
Geller. June 1971. viii+49+[1] p. ll. 4° \* Paper, 60c. (S/N 0303-  
0860).  
13061 260-30. Standard reference materials: Standard samples issued in USSR; by  
R. S. Gorozhanian, A. Y. Freedman, and A. B. Shalevitch. [June 1971].  
[6]+81+[1] p. 4° [Translated from the Russian by M. C. Selby.]  
\* Paper, \$1.00. (S/N 0303-0874).  
13062 317. Fundamental aspects of dislocation theory, conference proceedings,  
National Bureau of Standards, Apr. 21-25, 1969; [with lists of refer-  
ences; sponsored by Institute for Materials Research, National  
Bureau of Standards]; edited by John A. Simmons, R. deWit, [and]  
R. Bullough. \* Cloth, \$8.25 per set of 2 volumes.  
L.C. card 70-602416  
v. 1. xxv+1-726 p. ll.  
v. 2. xi+[1]+729-1338 p. ll.  
13063 345-4. U.S. Metric Study, interim report, manufacturing industry; [prepared  
by Westat Research, Inc.]. July 1971. xxiv+141+[1] p. 4° [Fourth  
in series of reports prepared for Congress.] \* Paper, \$1.25.  
13064 345-11. U.S. Metric Study, interim report; engineering standards; [prepared  
by Metric Study Task Force]. July 1971. vi+250+[1] p. ll. 4°  
[Eleventh in series of reports prepared for Congress.] \* Paper, \$2.00  
(S/N 0303-0835).

✦For Sale by National Technical Information Service,  
Springfield, VA 22151

•Sent to depository Libraries

Page 75

# GOVERNMENT PUBLICATIONS

## Special publications—Continued

- 13065 350. Time and frequency, bibliography of NBS literature published July 1955–Dec. 1970; [by] B. E. Blair June 1971. iii+50+[1] p. 4° \* Paper, 55c. (S/N 0303-0871). L.C. card 73-611327

## Technical notes. • Item 249-A

C 13.46:(nos.)

- 13066 384. Thermophysical properties of oxygen from freezing liquid line to 600 R for pressure to 5000 Psia [with bibliography]; by Robert D. McCarthy and Lloyd A. Weber. July 1971. vi+185+[1] p. il. 4° \* Paper, \$1.50. (S/N 0303-0873).
- 13067 467. Activation analysis, bibliography; edited by G. J. Lutz [and others]. May 1971. (Analytical Chemistry Division, Institute for Materials Research.) [Supersedes Dec. 1969 edition.] \* Paper, \$5.25 per set (2 vols.). (S/N 0303-0852). • Item 249-A  
L.C. card 73-613605  
pt. 1. ix+468+[3] p. 4°  
pt. 2. Appendices. [213] p. 4°
- 13068 564. Glass limit standards deposited at NBS for railway, highway and airways traffic signal colors, history, permanence and colorimetric properties; by Geraldine W. Haupt. ii+119+[1] p. il. 4° (Heat Division, Institute for Basic Standards.) \* Paper, \$1.00. (S/N 0303-0863).
- 13069 568. Simulation of air traffic control radar beacon code assignment plans, final report; [by] E. D. Elsbourn and Judith F. Glisnn. Mar. 1971. iv+73 p. il. 4° (Sponsored by Transportation Dept., Federal Aviation Administration, under inter-agency agreement DOT-FA69WA1-162.) \* Paper, 70c. (S/N 0303-0847).
- 13070 578. Determination of dynamic loads in high-frequency direct-stress fatigue machine [with list of references; by] Donald C. Robinson. June 1971. [2] +22+[3] p. il. 4° (Engineering Mechanics Section, Mechanics Division, Institute for Basic Standards.) \* Paper, 35c. (S/N 0303-0869).
- 13071 590. Preliminary design of data retrieval language to handle generalized data base: DRL [with list of references; by] Elizabeth Fong. July 1971. il+19+[6] p. \* Paper, 35c. (S/N 0303-0886).
- 13072 602. Broadband noncontacting sliding short [with list of references; by] Wilbur Larson and Ronald D. Hunter. June 1971. [3]+16 p. il. 4° (Electromagnetics Division, Institute for Basic Standards.) \* Paper, 30c.

## NATIONAL CENTER FOR HEALTH STATISTICS, Health, Education, and Welfare Dept., Washington, DC 20201

### Vital and health statistics: Series 10, Data from National Health Survey.

- 13073 63. Current estimates from health interview survey, United States 1969; [by] Gary E. Blanken]. June 1971. vi+57 p. il. 4° ([Public Health Service publication 1000, series 10, no. 63; Division of Health Interview Statistics.] \* Paper, 60c. (S/N 1722-0167). • Item 500-E  
HE 20.2210: 10/63

## NATIONAL CENTER FOR SOCIAL STATISTICS, Health, Education, and Welfare Dept., Washington, DC 20201

- 13074 OAA and AFDC, standards for basic needs for specified types of assistance groups, Mar. 1971. [Mar. 1971.] 3+[6] p. il. 4° (NCSS report D-2.) [Issued with perforations.] † HE 17.625: 971
- 13075 Recipients and amounts of medical vendor payments under Public assistance programs; Jan.–June 1969. [1971.] iv+[25] p. 4° (NCSS report B-3 (1-6-69).) [Issued with perforations.] † • Item 512-D-6  
HE 17.617/2: 969
- 13076 State maximums and other methods of limiting money payments to recipients of special types of public assistance, Oct. 1970. [1971.] 4+[3] p. 4° (NCSS report D-3 (10-70).) [Issued with perforations.] †  
HE 17.626: 970

## NATIONAL CREDIT UNION ADMINISTRATION 1325 K St. N.W., Washington, DC 20256

NOTE.—The National Credit Union Administration was established by PL 91-206, approved Mar. 10, 1970.

- 13077 Emergency guidelines for credit unions. [June 1971.] 19 p. il. 4° \* Paper, 35c. (S/N 1770-0155). • Item 526-B NCU 1.8: Em 3

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

AUGUST 1971

**NATIONAL ENDOWMENT FOR THE HUMANITIES, National  
Foundation on the Arts and the Humanities  
Washington, DC 20506**

- 13078 Program announcement, 1971-72, program information for applicants.  
[1971.] 29+[1] p. narrow 8" † ● Item 831-B-1  
NF 3.2: P 94/2/971-72

**NATIONAL GALLERY OF ART, Smithsonian Institution  
Washington, DC 20560**

- 13079 Brief guide to National Gallery of Art of United States of America, Wash-  
ington, D.C. [1971.] 30+[2] p. il. † ● Item 817 SI 8.8: N 21/971

**NATIONAL GUARD BUREAU, Defense Dept.  
Washington, DC 20310**

NGB pamphlet.

- 13080 680-3. Personnel information systems: Officer personnel reporting system RCS:  
ARNGB-1. [June 22, 1971.] cover title, [88] p. il. 4° (Departments  
of Army and Air Force.) [Issued with perforations.] † ● Item 358  
D 12.8: 680-3
- 13081 Official Army National Guard register, 1971; Jan. 1, 1971. 1971. xiv+[1]  
+329 p. † ● Item 358-A D 12.9: 971

**NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION,  
Transportation Dept., Washington, DC 20591**

- 13082 Diagnostic centers, executive summary, final report; [by] T. A. Blatt,  
K. M. Chng, H. B. Goodman, Northern Research and Engineering Cor-  
poration, Cambridge, Mass. July 1, 1970. ix+55 p. il. 4° [Prepared  
under contract FH-11-7287.] † TD 8.2: D 54
- Multidisciplinary accident investigation DOT HS (series). ● Paper, each,  
\$3.00. TD 8.11: (nos.)
- 13083 007-369. Annotated bibliography, relationship between vehicle defects and vehicle  
crashes; prepared by Baylor College of Medicine, Houston, Tex. June  
1970. [59] p. il. 4° [Contract no. FH-11-7254.]
- 13084 600-012. Case 39, End over end rollover followed by fire (driver ejected; pre-  
pared by University of Rochester, Rochester, N.Y. May 1970. cover  
title, [15] p. il. 4° (PB 190-337).
- 13085 600-152. Case 7004, M/V/pickup, intersection collision; [prepared by J. Robert  
Cromack, Jimmie L. Wright, [and] Tom Swiercinsky] Southwest  
Research Institute, San Antonio, Tex. July 1970. cover title, 97 p. il. 4°  
[Contract no. FH-11-7219. Includes copyright material.]
- 13086 600-248. Case 7012, One car/ran off roadway, rollover; [prepared by J. Robert  
Cromack and Jimmie L. Wright] Southwest Research Institute, San  
Antonio, Tex. Aug. 1970. cover title, iii+56 p. il. 4° [Contract no.  
FH-11-727. Includes copyright material.]
- 13087 Multidisciplinary accident investigation summaries, v. 2, no. 2. Apr. 1971.  
vi+206 p. il. 4° (DOT-HS-600 519.) † ● Item 962-D-10  
TD 8.11: 2/2
- 13088 Proposed revision of highway safety program standards, report of Task  
Force I, traffic safety program: v. 1, Development of proposed standards.  
Apr. 30, 1971. cover title, [141] leaves 4° † TD 8.2: Sa 1/2

**NATIONAL INDUSTRIAL POLLUTION CONTROL COUNCIL  
Washington, DC 20230**

- 13089 Evaluation of appliance X-ray pollution problem [with list of references],  
sub-council report, June 1971. [1971.] 32 p. ● Paper, 30c. (S/N 5254-  
0026). ● Item 1070-B-2 Y 3.In 2/8: 2 X 7
- 13090 Use and disposal of electrical insulating liquids, sub-council report, June  
1971 [with bibliography]. [1971.] 22+[1] p. ● Paper, 25c. (S/N 5254-  
0028). ● Item 1070-B-2 Y 3.In 2/8: 2 El 2

●For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to depository Libraries

Page 77



# GOVERNMENT PUBLICATIONS

## NATIONAL INSTITUTE OF ARTHRITIS AND METABOLIC DISEASES, Health, Education, and Welfare Dept. Bethesda, MD 20014

- 13091 4th annual contractors' conference of artificial kidney program of National Institute of Arthritis and Metabolic Diseases, proceedings, Washington, D.C., Jan. 20-22, 1971 [with lists of references]; edited by Keatha K. Krueger. [1971.] [7]+218 p. il. 4° † ● Item 506-A-6 HE 20.3314: 971
- 13092 Opportunities for participation in artificial kidney-chronic uremia research and development program. Jan. 1971. [3] leaves+35+[2] p. 4° † ● Item 507-A-25 HE 20.3302: Ar 7

## NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT, Health, Education, and Welfare Dept. Bethesda, MD 20014

- 13093 CPR population research: Research and training opportunities for psychologists in population area [with list of references; by] Sidney H. Newman. Apr. 1971. [7] p. 4° † HE 20.3362/3: P 95
- 13094 Population research, 1969, report no. 3, Mar. 1971. [130] p. 4° (NICHD-CR 69; Scientific Information Centers Branch.) † ● Item 506-A-4 HE 20.3362: 3

## NATIONAL INSTITUTE OF DENTAL RESEARCH, Health, Education, and Welfare Dept., Bethesda, MD 20014

- 13095 Dental caries research, fiscal year 1969, catalog of dental caries research projects sponsored during FY by Federal and Non-Federal Organizations. [1971.] [137] p. 4° † ● Item 507-O-3 HE 20.3409: 960

## NATIONAL INSTITUTE OF MENTAL HEALTH, Health, Education, and Welfare Dept., Chevy Chase, MD 20015

- 13096 Abstracts of standard edition of complete psychological works of Sigmund Freud; edited by Carrie Lee Rothgeb. [1971.] ix+180+S-47 p. 4° ([ (HSM) 72-9001; National Clearinghouse for Mental Health Information.]) [Abstracts prepared under contract HSM-42-69-99 with Scientific Literature Corporation, Philadelphia, Pa.] \* Paper, \$1.75. (S/N 1724-0139). ● Item 507-B-5 L.C. card 75-613658 HE 20.2402: F 80
- 13097 Ad hoc committee on child mental health report to director. 1971. v+65 p. ([Public Health Service publication 2184.]) \* Paper, 40c. (S/N 1724-0137). ● Item 507-B-5 HE 20.2402: C 43/4
- Crime and delinquency issues, monograph series. (Center for Studies of Crime and Delinquency.)
- 13098 Instead of court, diversion in juvenile justice; by Edwin M. Lemert. 1971. v+[1]+95 p. il. ([Public Health Service publication 2127; National Clearinghouse for Mental Health Information.]) \* Paper, 50c. ● Item 507-B-13 HE 20.2420/2: C 83
- Crime and delinquency topics: Monograph series. (Center for Studies of Crime and Delinquency.)
- 13099 Civil commitment to special categories of offenders, review of literature and court decisions [with bibliography; prepared by William L. Hickey and Sol Rubin]. 1971. iii+19 p. ([Public Health Service publication 2131; National Clearinghouse for Mental Health Information.]) \* Paper, 20c. ● Item 507-B-13 HE 20.2420/3: C 49
- 13100 Mental health of child, program reports of National Institute of Mental Health [with lists of references]; Julius Segal, editor. June 1971. ix+588 p. il. (Program Analysis and Evaluation Branch, Office of Program Planning and Evaluation, Health Services and Mental Health Administration.) [Public Health Service publication 2168.] \* Paper, \$5.00. (S/N 1724-0132). ● Item 507-B-5

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available



- 13101 National Institute on Alcohol Abuse and Alcoholism. [1971.] 8+[2] p. narrow 8" ([Publication (HSM)-72-9019.]) \* Paper, \$8.50 per 100; single copy, 10c. (S/N 1724-0138). ● Item 507-B-5 HE 20.2402: A1 1/4

**NATIONAL INSTITUTE OF NEUROLOGICAL DISEASES AND STROKE, Health, Education, and Welfare Dept.**  
Bethesda MD 20014

- 13102 Bibliography of Kuru; by D. Carleton Cajdusek and Michael P. Alpers. July 1968; revised Nov. 1970. [1971.] [3]+165 p. 4" [Study of Child Growth and Development and Disease Patterns in Primitive Cultures.] ‡  
L.C. card 70-613654 HE 20.3513: K 96

- 13103 Huntington's disease (Huntington's chorea), hope through research. [1971.] [27] p. il. narrow 8" \* Paper, 30c. ● Item 507-L-2  
HE 20.3502: H 92

**NIND Monograph.**

- 13104 12. Studies on clinical efficacy of marketed antiepileptic drugs [with bibliographies]; by James J. Coatsworth. 1971. viii+36 p. 4" (Public Health Service, National Institutes of Health.) [Based on study from June to Sept. 1970.] \* Paper, 50c. (S/N 1749-0017). ● Item 507-L-1  
HE 20.3510: 12

**NATIONAL INSTITUTES OF HEALTH, Health, Education, and Welfare Dept., Bethesda, MD 20014**

- 13105 DHEW obligations to medical schools, fiscal years 1967-69; [prepared by Richard Glza and Catherine M. Burns]. [June 1971.] vi+74 p. il. oblong 8" (Office of Resources Analysis, Office of Associate Director for Program Planning and Evaluation.) ‡ ● Item 507  
HE 20.3002: M 46/2/967-69

- 13106 Division of Research Resources [programs], improving institutional and resource development in biomedical sciences. 1971. 1 p. narrow f" folded into oblong 32" size. (Information Office.) ‡ ● Item 507  
HE 20.3002: B 52

- 13107 Nursing care of patients with internal or external pacemakers, nursing clinical conference presented by Nursing Department of Clinical Center, National Institutes of Health [with lists of references]. [June 1971.] [2]+20+[2] p. il. ‡ ● Item 507-A-19 HE 20.3021: P 11

- 13108 Public Health Service grants and awards, fiscal year 1970 funds: pt. 1, National Institutes of Health, research grants, research contracts; [prepared by Division of Research Grants, Statistics and Analysis Branch]. [1971.] xi+403 p. \* Paper, \$2.00. ● Item 507-D HE 20.3013: 970/pt.1

- 13109 Something new in white, today a fascinating career job opportunity is opening up for trained dental assistant. [Revised 1970.] [1970.] [6] p. il. narrow 8" ([Public Health Service publication 1300.]) ‡ ● Item 507  
HE 20.3002: D 43/970

- 13110 Terminated research grants supported in field of nursing by Division of Nursing, National Institutes of Health. Feb. 1, 1971. [1]+25 p. oblong 12" (Research Grants Branch.) ‡ HE 20.3002: G 76/2

**NATIONAL LABOR RELATIONS BOARD**  
Washington, DC 20570

- 13111 Division of Trial Examiners, public manual. [1971.] cover title, [266] p. [Issued in looseleaf form.] \* Paper, \$1.50. (S/N 3100-0089). ● Item 827-A  
LR 1.6/2: T 73

◆For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to depository Libraries

Page 79

# GOVERNMENT PUBLICATIONS

## NATIONAL MARINE FISHERIES SERVICE, Commerce Dept. Washington, DC 20230

### Circular.

- 13112 356. Floating laboratory for study of aquatic organisms and their environment; by George R. Snyder, Theodore H. Blahm, and Robert J. McConnell. Seattle, Wash., May 1971. iii+16 p. il. 4° † C 55.304: 356

### Current fisheries statistics.

- 13113 5605. Imports and exports of fishery products, 1970 annual summary. June 1971. 8 p. 4° (NOAA XCFSA-6605 MF-6.) † ● Item 610-A C 55.309/2: 5605

### Special scientific report: Fisheries (series). ● Item 614-B

- C 55.312: (nos.)  
13114 624. Influence of mechanical processing on quality and yield of bay scallop meats [with list of literature cited]; by N. B. Webb and F. B. Thomas. Seattle, Wash., Apr. 1971. iii+11 p. il. 4° †  
13115 629. Analysis of operations of 7 Hawaiian skipjack tuna fishing vessels, June-Aug. 1967 [with list of literature cited]; by Richard N. Uchida and Ray F. Sumida. Mar. 1971. v+25 p. il. 4° \* Paper, 35c.  
13116 633. Blueing of processed crab meat. II. Identification of some factors involved in blue discoloration of canned crab meat (*Callinectes sapidus*) [with list of literature cited]; by Melvin E. Waters. May 1971. iii+7 p. il. 4° †

## NATIONAL OCEAN SURVEY, Commerce Dept. Washington, DC 20235

- 13117 Geodetic operations in United States and in other areas through international cooperation, Jan. 1, 1967-Dec. 31, 1970; [by] Leonard S. Baker. Mar. 1971. vi+30 p. il. 4° [Report to International Association of Geodesy of International Union of Geodesy and Geophysics, International Council of Scientific Unions.] \* Paper, 40c. (S/N 0321 0003). ● Item 192 C 55.402: G 29  
13118 Great Lakes pilot, 1971, Supplement 3, July 1971, corrections and additions. [1971.] [2] p.+13 leaves [Bearings are true and distances are expressed in statute miles. Supplements information given upon charts published by Lake Survey Center.] † Lake Survey Center, 630 Federal Bldg., Detroit, MI 48226 C 55.420: 971/supp.3  
13119 Ship operations report 1970, National Ocean Survey. [1971.] cover title vi+91 p. il. 4° † ● Item 207-A-2 C 55.423: 970  
13120 Tide tables, high and low water predictions, 1972: east coast of North and South America, including Greenland. 1971. 290 p. il. 4° [Index map of tide table coverage on p. 2 of cover. Includes list of publications relating to tides and tidal currents.] † Paper, \$2.00. ● Item 197 C 55.421/2: 972

## NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, Commerce Dept., Washington, DC 20235

NOTE.—The National Oceanic and Atmospheric Administration was established within the Department of Commerce by Reorganization plan 4 of 1970, effective Oct. 3, 1970.

- 13121 Coastline of United States. [1971.] [6] p. il. narrow 8° \* Paper, 10c. ● Item 250-E2 C 55.2: C 63  
ESSA technical memorandum. Environmental Science Service Administration, Weather Bureau, National Meteorological Center, Suitland, Md.)  
13122 WBTM-NMC 47. National air pollution forecast program [with list of references; by] Edward Gross. May 1970. iv+28 p. il. 4° \* Paper, \$3.00. C 52.15/2: WBTM-NMC 47  
ESSA technical report. (Environmental Research Laboratories)  
13123 ERL 168-WPL 12. Remote sensing of wind profiles in boundary layer. Errata Jan. 7, 1971. [3] leaves, large 8° [Two leaves are issued on adhesive back paper.] † ● Item 208-B-7 C 52.15: ERL 168-WPL 12/errata

\*For Sale by Superintendent of Documents  
†Distribution Made by Issuing Office  
‡Official Use. Not Available

Dept.

Environment;  
McConnell.  
C 55.304: 356

y. June 1971.

5.309/2: 5605

5.312: (nos.)  
scallop meats  
omas. Seattle.

essels, June-  
Uchida and

tors involved  
as) (with list  
7 p. ll. 4° †

ugh interna-  
nd S. Baker.  
ociation of  
es, Interna-  
0321 0003).  
55.402: G 29

s and addi-  
stances are  
upon charts  
630 Federal  
: 971/supp.3

cover title  
C 55.423: 970

f North and  
index map of  
ions relating

55.421/2: 972

RATION,

as established  
1970, effective

Paper, 10c.  
C 55.2: C 63

vice Admin-  
Sutland,

a list of ref-  
28 p. ll. 4°  
BTM-NMC 47

(es.)

layer. Errata  
ves are issued  
3-7

VPL 12/errata

13124 Federal plan for marine environmental prediction, fiscal year 1972; [by] Federal Coordinator for Marine Environmental Prediction. Feb. 1971. v+61 p. ll. 4° \* Paper, 65c. ● Item 250-E-4 C 55.16: 972

13125 Hurricanes, safety rules. [1970.] [2] p. ll. 4° ([NOAA/PI 70022]) † ● Item 250-E-6 C 55.6: H 94

13126 NOAA publications announcement no. 71-4. Rockville, Md., Apr. 1971. cover title, 20 p. 4° † ● Item 250-E-5 C 55.17: 71-4

NOAA technical memorandum. (National Environmental Satellite Service). C 55.13/2: NESS (nos.)

13127 NESS 26. Potential of satellite microwave sensing for hydrology and oceanography measurements [with bibliographies; [by] John C. Allshouse [and others], Mar. 1971. iii+16 p. ll. 4° \* Paper, \$3.00.

13128 NESS 28. Calculation of clear-column radiances using airborne infrared temperature profile radiometer measurements over partly cloudy areas [with list of references; by] William L. Smith. Mar. 1971. iii+12 p. ll. 4° \* Paper, \$3.00.

NOAA technical memorandum. (National Weather Service, Central Region, Kansas City, Mo.)

13129 NWS CR-41. Temperature cycle of Lake Michigan: 1, Spring and Summer [with list of references; by] Lawrence A. Hughes. Apr. 1971. [2]+4 +[12] p. ll. 4° † C 55.13/2: NWS CR-41

NOAA technical report. (Environmental Research Laboratories, Boulder, Colo.)

13130 ERL 208-APCL 21. Effects on stratosphere of SST operation [with list of references]; by Charles C. Van Valla. May 1971. v+41 p. ll. 4° \* Paper, 50c. ● Item 208-B-7 C 55.13: ERL 208-APCL 21

13131 Survival in hurricane. [1970.] [2] p. ll. 32° folded into oblong 48° size ([NOAA/PI 70027]) \* Paper, \$7.50 per 100; single copy, 10c. ● Item 250-E-2 C 55.2: H 94

# NATIONAL OCEANOGRAPHIC DATA CENTER, Commerce Dept. Washington, DC 20242

NOTE.—The National Oceanographic Data Center has been transferred from the Department of the Navy to the National Oceanic and Atmospheric Administration by Reorganization plan no. 4 of 1970.

13132 Highlights, National Oceanographic Data Center, 1961-70. Dec. 1970 [published 1971]. iii+45 p. ll. oblong 12° \* Paper, 60c. ● Item 273-D-1 C 55.291: 961-70

# NATIONAL OCEANOGRAPHIC INSTRUMENTATION CENTER, Commerce Dept., Washington, DC 20390

Instrument fact sheet IFS (series).

13133 71012. Model 775-21, Conductivity-temperature-depth underwater sensor unit. May 1971. 7 p. ll. 4° [Issued with perforation.] † C 55.71: 71012

# NATIONAL PARK SERVICE, Interior Dept. Washington, DC 20242

Anthropological papers.

13134 1. Introduction to middle Missouri archeology; [by] Donald J. Lehmer. 1971. x+[3]+206 p. ll. 4° \* Paper, \$3.75. ● Item 646-E I 29.77: 1

13135 Battle of Moores Creek Bridge, Moores Creek National Military Park, N.C. [with bibliography]; by Charles E. Hatch, jr. Dec. 1969. [1]+vi+91 p. 14 pl. 4° (Office of History and Historic Architecture, Eastern Service Center.) † L.C. card 79-612209 I 29.2: M 78

13136 Castle Clinton National Monument, New York. [1971.] [8] p. ll. narrow 8° \* Paper, 10c. (S/N 2405-0276). ● Item 650 I 29.21: C 27/2/971

13137 Dinosaur National Monument, Colo. and Utah. [1971.] 2 p. oblong large 8° folded into narrow 24° size. † ● Item 650 I 29.21: D 61/3/971

♦For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to depository Libraries

# GOVERNMENT PUBLICATIONS

- 13138 Grand Teton National Park, Wyo. [Revised 1971.] [1971.] 1 sheet (with map on verso), il. f° folded into narrow 24° size. † ● Item 651  
I 29.6: G 76/20/971
- 13139 Interpretive prospectus, Independence National Historical Park, Pa. 1970. 34 p. 4° †  
I 29.2: In 2/2
- 13140 Jamestown National Historic Site, Va. [1971.] [2] p. il. 4°, folded into narrow 24° size. † ● Item 650  
I 29.21: J 23/3/971
- 13141 Lake Casitas general recreation development plan, report; by Paul D. Kalkwarf. Dec. 1970. [7]+25 p. il. 4° ([Western Region.]) †  
I 29.2: C 26/2
- 13142 Perry's Victory and International Peace Memorial National Monument, Ohio. [1971.] 2 p. narrow f° folded into oblong 32° size. \* Paper, 10c. (S/N 2406-0278). ● Item 650  
I 29.21: P 42/971
- 13143 Prince William Forest Park, Va. [Revised 1971.] [1971.] [2] p. il. 4°, folded into narrow 24° size. † ● Item 651  
I 29.6: P 93/3/971
- 13144 Rocky Mountain National Park, Colo. [Revised 1971.] [1971.] 1 p. il. oblong large 8°, with map on verso, folded into narrow 24° size. † ● Item 651  
I 29.6: R 59/10/971
- 13145 Stonewall, Colo., reconnaissance alternatives report [with list of references]. [1971.] cover title, [4]+42 p. il. 4° [Last page is left blank to be used for comments.] †  
I 29.2: St 7
- 13146 Study of alternatives, El Malpais, N. Mex. [1970.] cover title, [4]+41 p. il. 4° †  
I 29.2: M 29
- 13147 Wilson's Creek National Battlefield, Mo. [1971.] [2] p. il. oblong 8° folded into narrow 24° size. † ● Item 650  
I 29.21: W 69
- 13148 Yosemite National Park, Calif. [Revised 1971.] [1971.] 1 sheet (with map on verso) il. f° folded into narrow 24° size. † ● Item 651  
I 29.6: Y 8/14/971

## NATIONAL SCIENCE FOUNDATION Washington, DC 20550

- 13149 Experimental input price indexes for research and development, fiscal years 1961-65, report by [Office of Prices and Living Conditions]. Bureau of Labor Statistics, Department of Labor. [Nov. 1968.] cover title, x+158 p. il. 4° (NSF 70-7.) [Contract G 13542. Based on Army Dept. data fiscal years, 1961-65. Prepared for Office of Economic and Manpower Studies.] \* Paper, \$3.00. NS 1.13: P 93/961-65
- 13150 Federal funds for academic science, fiscal year 1969. [1971.] xiv+80 p. il. 4° (NSF 71-7.) \* Paper, \$1.00. ● Item 834-C NS 1.2: Ac 1/5/969
- 13151 Research and development in local governments, fiscal years 1968 and 1969. [1971.] x+55 p. il. 4° (Surveys of science resource series; NSF 71-6.) \* Paper, 65c. ● Item 834-T NS 1.22: G 74/2/968-69
- 13152 Science resources studies highlights: Federal R & D expenditures related to budget functions, 1960-72; prepared in Government Studies Group, Division of Science Resources Studies. June 24, 1971. 4 p. il. 4° (NSF 71-19.) †  
NS 1.31: Ex 7
- 13153 — Federal support to universities and colleges, fiscal year 1970; [prepared in Federal Academic Science Studies Group, Division of Science Resources Studies]. June 11, 1971. 4 p. il. 4° (NSF 71-16.) †  
NS 1.31: Un 3/970
- 13154 — Unemployment rates for scientists, Spring, 1971; [prepared in National Register Group of Division of Science Resources Studies]. July 2, 1971. 4 p. 4° (NSF 71-26.) †  
NS 1.31: Un 2/971

\*For Sale by Superintendent of Documents  
†Distribution Made by Issuing Office  
‡Official Use. Not Available

AUGUST 1971

**NATIONAL TECHNICAL INFORMATION SERVICE, Commerce Dept.**  
**Springfield, VA 22151**

- 13155 1970 census of housing, microfiche final reports, block statistics HC (8) series, microfiche order form. [June 1971.] [2] p. oblong 8" folded into narrow 8" size ([Form no. BC-2211.]) † C 51.11: H 81/970-2
- 13156 1970 census of population and housing, microfiche final reports, Data-collection forms and procedures PHC(R)-2, microfiche order form. [June 1971.] [3] p. narrow 8" ([BC-2213.]) † C 51.11: P 81/970-4

**NATIONAL TRANSPORTATION SAFETY BOARD, Transportation  
Dept., Washington, DC 20590**

Aircraft accident report NTSB-AAR (series).  $\Phi$  Paper, \$12.00 a yr; \$3.00 additional for foreign mailing; single copy, \$3.00.

- 13157 71-8. Overseas National Airways, Inc., Douglas DC-9, N935F operating as Antilliaanse Luchtvaart Maatschappij flight 980, near St. Croix, Virgin Islands, May 2, 1970. [1971.] [45] p. 4° (SA-420, File B-0001) φ Paper, \$3.00. TD 1.112 : 71-8c
- 13158 Exchange of safety information, address by John H. Reed, Chairman, National Transportation Safety Board, before 10th Reliability and Maintainability Conference, Anaheim, Calif., June 29, 1971. [1971.] [1] + 6 p. 4° † TD 1.110 : R 25/19
- 13159 Fatigue failure of metal components as factor in civil aircraft accidents; by William L. Holshouser and Ruth D. Mayner. [1971.] [3] + 20 p. ill. 4° [For presentation at 6th ICAF Symposium, sponsored by International Committee on Aeronautical Fatigue, Miami Beach, Fla., May 12-14, 1971.] † TD 1.102 : F 2b

Highway accident report NTSB-HAR (series).

- 13160 71-2. Airport transport bus, automobile collision, Dulles Airport access road, June 9, 1970, adopted Dec. 30, 1970. [1971.] vii + 39 p. il. 4\* (85-H-11.)  
 Paper. \$3.00. TD 1.117: 71-2

Railroad accident report NTSB-RAR (series). TD 1.112/3 : (nos.)

- 13161 71-1. Richmond, Fredericksburg and Potomac Railroad Company, train 10/76  
derailment with 3 fatalities and numerous personal injuries, Franconia,  
Va., Jan. 27, 1970; adopted Feb. 3, 1971. [1971.] vi+57 p. il. 4°  
(SS-R-9.) [Prepared in cooperation with Federal Railroad Administration.]  
♦ Paper, \$3.00.
- 13162 71-2. Chicago, Burlington, and Quincy Railroad Company, train 64 and 824  
derailment and collision with tank car explosion, Crete, Nebr., Feb. 18,  
1969; adopted Feb. 24, 1971. [1971.] v+79 p. il. 4° (SS-R-5.)  
♦ Paper, \$3.00.

NAVAL AIR SYSTEMS COMMAND, Defense Dept.  
Washington, DC 20360

- 13163 Selected meridional cross sections of heights, temperatures and dew point of Northern Hemisphere [with selected bibliography]; by Harold L. Crutcher. [1971.] vii+12+[170] p. il. oblong f. (NAVAIR-50-1C-59.) [Published by direction of Commander, Naval Weather Service Command.] ‡ • Item 374 (Rev.)  
L.C. card 77-612297 D 202.2 : H 36/2

NAVAL OCEANOGRAPHIC OFFICE, Defense Dept.  
Washington, DC 20390

### Publication.

- 13164 42. Change 8, July 3, 1971, loose leaf change pages for correcting Sailing directions for Baltic, v. 1, 1st edition, 1958. [1971.] [277] p. ll. 4° [Formerly 141B. Includes list of effective pages.] † Paper, \$1.75 ● Item 378 (Rev. 1957) D 203.22:42/953/ch.8

♦For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to depository Libraries



# GOVERNMENT PUBLICATIONS

## NAVAL OPERATIONS OFFICE, Defense Dept. Washington, DC 20390

- 13165 Return to the sea. [1971.] [5] p. il. narrow 8" [Excerpts from 35mm slide presentation by Office of Chief of Naval Operations.] ‡ • Item 399 D 207.14: Se 1
- Vietnamization, Navy style, to help an ally stand on his own. [1971.] [6] p. il. narrow 8" [Excerpts from 35mm slide presentation by Office of Chief of Naval Operations.] ‡ • Item 370 D 207.14: V 67

## NAVAL PERSONNEL BUREAU, Defense Dept. Washington, DC 20390

- 13166 Aviation boatswain's mate H 1 & C [with reading list; prepared by Navy Training Publications Center, Millington, Tenn.]. [1971 edition.] [1971.] cover title, iv+114 p. il. 4" (Rate training manual; NAVPERS 10303-B.) ‡ • Item 404 D 208.11: Av 5/38/971  
L.C. card 72-613641
- 13167 Aviation electrician's mate 1 & C; [prepared by Navy Training Publication Center]. [1971 edition.] [1971.] cover title, iv+438 p. il. 4" (Rate training manual; NAVPERS 10349-C.) \* Paper, \$3.25. (S/N 0847-0138) • Item 404 D 208.11: Av 5/19/971  
L.C. card 67-61648
- 13168 Aviation structural mechanics H 3 & 2 [with reading list; prepared by Navy Training Publications Center, NAS, Memphis, Millington, Tenn.]. [1971 edition.] [1971.] cover title, iv+368 p. il. 4" ‡ • Item 404 D 208.11: Av 5/29/971
- 13169 Bureau of Naval Personnel manual, Change 7. July 1971. [203] p. 4" (BUPERSMAN, NAVPERS 15791B.) [Issued in looseleaf form.] \* Paper, \$8.50 (including basic manual and supplementary material for an indefinite period); \$2.00 additional for foreign mailing. • Item 403-A D 208.6/2: 969/ch.7/71
- 13170 Electrician's mate 3 & 2; [prepared by Training Publications Division, Naval Personnel Program Support Activity]. [3d edition, 1971.] [1971.] cover title, iii+352 p. il. 4" (Rate training manual; NAVPERS 10546-C.) \* Paper, \$2.50. (S/N 0847-0139). • Item 404 D 208.11: El 2/13/971  
L.C. card 68-60747
- 13171 Machinery repairman 1 & C; [prepared by Training Publications Division, Naval Personnel Program Support Activity]. [1st edition 1954, revised 1971.] [1971.] cover title, iv+129 p. il. 4" (Rate training manual; NAVPERS 10531-C.) ‡ • Item 404 D 208.11: M 18/6/971  
L.C. card 71-613752
- 13172 Shipfitter 3 & 2; [prepared by Training Publications Division of Naval Personnel Program Support Activity]. [1st edition 1961, revised 1970.] [1971.] cover title, v+422 p. il. 4" (Rate training manual; NAVPERS 10595-B.) [Some illustrations are colored.] \* Paper, \$3.25. • Item 404 D 208.11: Sh 6/6/970  
L.C. card 78-613751

## NAVAL RESEARCH OFFICE, Defense Dept. Washington, DC 20390

- NRL reports. (Naval Research Laboratory.) D 210.8: (nos.)
- 13173 7008. Self and mutual acoustic radiation impedances for pistons in plane infinite rigid baffle [with list of references; by] R. L. Berkowitz and R. V. Baler. Jan. 18, 1971. cover title, [64] p. il. 4" [NRL problem SOI-29, project RR 102-08-41-5226.] \* Paper, \$3.00 (AD 718313).
- 13174 7176. Major factors affecting neutron irradiation embrittlement of pressure-vessel steels and weldments [with list of references; by] Lendell S. Steele. Oct. 30, 1970. cover title, ii+20 p. il. 4" [NRL problem MOI-14, projects RE 007-41-11-5409, AEC-AT(49-5)-2110, MIPR-ERG-11-39.] \* Paper, \$3.00 (AD 720678).
- 13175 7209. Analysis of radiation-induced embrittlement gradients on fracture characteristics of thick-walled pressure vessel steels [with list of references; by] F. J. Loss, [and others]. Mar. 1, 1971. cover title, ii+20 p. il. 4" [NRL problems MOI14 and MOI-25, projects RE 007-11-41-5409, AT (49-5)-2110, USA-MIPR-40012, RR007-01-46-5432.] † Paper, \$3.00 (AD 720676).

\*For Sale by Superintendent of Documents  
†Distribution Made by Issuing Office  
‡Official Use. Not Available



# AUGUST 1971

- 13176 7214. On meromorphic functions with 3 almost linear values [with list of references; by] Chung-chun Yang. Mar. 5, 1971. cover title, 1+10 p. 4° (Mathematics Research Center report 71-1.) [NRL problem B01-11, project RR003-02-41-6153.] ♦ Paper, \$3.00 (AD 720677).
- 13177 7221. VHF Thomson scatter radar study of midlatitude ionosphere using Faraday effect [with list of references; by] John M. Goodman. Apr. 21, 1971. cover title, 98 p. il. 4° [NRL problem R02-05, RF 05-151-402-4001.] ♦ Paper, \$3.00 (AD 724298).
- 13178 7222. Study of drag reduction and adsorption of polymer solutions [with list of references; by] P. Peyser, R. C. Little, and C. R. Singletary. Jan. 27, 1971. cover title, 11+14 p. il. 4° [NRL problem C02-20; project RR001-43-4766.] ♦ Paper, \$3.00 (AD 719386).
- 13179 7228. CROSEC, Fortran IV-APT program to give orthographic, section, and definable perspective views of planar-curved surface [with list of annotated references; by] Kingsley P. Thompson. Apr. 28, 1971. cover title, 11+238 p. il. 4° [NRL problem Z00.01.] ♦ Paper, \$3.00 (AD 724299).
- 13180 7250. Probability-of-error consideration for certain M-ary block codes with bit-by-bit decisions [with list of references; by] Noel C. Balthasar and Hugo M. Beck. Apr. 26, 1971. cover title, 11+32 p. il. 4° [NRL problem R0101-46, project X-1508, task H.] ♦ Paper, \$3.00 (AD 723519).
- 13181 7251. Integration of analytical procedures for fracture-safe design of metal structures [with bibliography; by] W. S. Pellini. Mar. 26, 1971. cover title, 11+74 p. il. 4° [NRL problems M01-25 and M01-24, projects RR 007-01-46-5432 and RR 007-01-46-5431.] ♦ Paper, \$3.00 (AD 723190).
- 13182 7257. Experiment on transmission loss and fluctuations of 3-kHz sound in shallow water [with list of references; by] Andrew L. Faber. Apr. 13, 1971. cover title, 11+28 p. il. 4° [NRL problem S01-33 and S01-45, project RF 05-552-401-5257, RF 05-552-001-8621, and SF 11-552-001-14275.] ♦ Paper, \$3.00 (AD 723192).
- 13183 7259. Simulation of AADC system operation with an E-2B program workload [with list of references; by] William R. Smith. Apr. 22, 1971. cover title, 11+54 p. il. 4° [NRL problem B02-06, project NAVAIR WF 15-241-601.] ♦ Paper, \$3.00 (AD 723521).
- 13184 7261. Thermal stability of ethylenedinitrilotetraacetic acid and its salts: pt. 3. Oxygen effect on thermal decomposition of ethylenedinitrilotetraacetate in aqueous solutions [with list of references; by] David L. Veneazy. Apr. 22, 1971. cover title, 11+16 p. il. 4° [NRL problem C05-29; project RR 007-02-41-5678.] ♦ Paper, \$3.00 (AD 723791).
- 13185 1970 review, Naval Research Laboratory. [1971.] vi+175 p. il. 4° [Includes list of contributions to science and technology. Organization chart on p. 2 of cover.] ‡ D 210.17/2: 970
- 13186 [This entry number not used.]

## PATENT OFFICE, Commerce Dept. Washington, DC 20231

- 13187 National development and the Patent Office, text of address by William E. Schuyler, jr., Commissioner of Patents, for delivery before Patent, Trademark and Copyright Section of American Bar Association, New York, N.Y., July 3, 1971. [1971.] 6 p. 4° ‡ C 21.20: Sch 8/15
- 13188 Text of address by William E. Schuyler, jr., Commissioner of Patents, for delivery before National Conference on 25th Anniversary of Lanham act, June 17, 1971, Washington, D.C. 1971. 5 p. 4° ‡ C 21.20: Sch 8/14

## PEACE CORPS, State Dept. Washington, DC 20525

- 13189 Peace Corps, bi-annual statistical summary, June 30, 1971. [1971.] cover title, [1]+43 p. 4° (Office of Staff Placement.) ‡ S 19.12/2: 971

♦For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to depository Libraries

## GOVERNMENT PUBLICATIONS

### PESTICIDES OFFICE, Environmental Protection Agency Rockville, MD 20852

NOTE.—The Pesticides Office has been transferred from Health, Education, and Welfare Department to the Environmental Protection Agency by Reorganization plan no. 3 of 1970.

- 13190 Pesticides; [prepared by Division of Pesticide Community Studies]. [Revised Mar. 1971.] 1971. 8 p. narrow 8" \* Paper, \$5.50 per 100; single copy, 10c. ● Item 473-C-1 EP 5.2: P 43

### PRESIDENT OF UNITED STATES Washington, DC 20501

- 13191 Hearings before Ad Hoc Advisory Group on Presidential Vote for Puerto Rico, Mar. 1-12, 1971. 1971. [3]+701 p. [English and Spanish. Hearings were held in San Juan, Puerto Rico, and Washington, D.C.] \* Paper, \$2.75. (S/N 4000-0262). ● Item 851-J Pr 37.8: P 96/H 35  
L.C. card 70-613635

### PRISONS BUREAU, Justice Dept. Washington, DC 20537

- 13192 Federal Bureau of Prisons statistical report, fiscal years 1967-1968; prepared by Office of Research and Statistics. (FPI-MI, Mar. 7, 1969.) [1]+1+136 p. il. 4" ‡ J 16.23/5: 967-68

### PUBLIC DOCUMENTS DEPARTMENT, Government Printing Office Washington, DC 20402

Price list (series). † ● Item 554 GP 3.9: (nos.)

- 13193 50. American history; June 1971. 51st edition. [1971.] [4]+27 p.  
13194 51. Health and medical services, hospitals and nursing, first aid, industrial and occupational health; June 1971. 51st edition. [1971.] [4]+36 p.  
13195 85. Defense, veterans' affairs; Nov. 1971. 12th edition. [1971.] [2]+40 p.

### PUBLIC HEALTH SERVICE, Health, Education, and Welfare Dept. Washington, DC 20201

- 13196 Central Missouri River water quality investigation, 1954. Aug. 1955. v+44 p.+xxxv leaves, 25 tabs. 4" (Missouri Drainage Basin, Kansas City, Mo.) [May 1955 on cover.] ‡ HE 20.2: M 69 o/5/954  
13197 Central Missouri River water quality investigation, 1955, review draft. Aug. 1956. iii+48 leaves, 1 pl. 39 tabs. 4" (Region 6, Water Supply and Water Pollution Control Section, Kansas City, Mo.) ‡ HE 20.2: M 69 o/5/955

#### Health information series.

HE 20.10: (nos.)

- 13198 95. Cerebral palsy, hope through research; [prepared by Information Office, National Institute of Neurological Diseases and Stroke, National Institutes of Health]. [Revised 1971.] [1971.] 7+[1] p. narrow 8" ([Publication 713.]) \* Paper, \$5.50 per 100; single copy, 10c. ● Item 486  
13199 104. Headache, hope through research; [prepared by Information Office, National Institute of Neurological Diseases and Stroke]. [Revised 1971.] [1971.] 19 p. il. narrow 8" ([Public Health Service publication 906; National Institutes of Health.]) \* Paper, \$18.75 per 100; single copy, 25c. ● Item 486  
13200 106. Distrofia muscular, esperanza en la investigacion; [redactado por la Oficina de Informacion, National Institute of Neurological Diseases and Blindness, National Institute of Health]. [Corregido 1962.] [1971.] 20+[2] p. il. narrow 8" ([Publicacion 996.]) \* Paper, 20c. (S/N 1749-0016.) (Order no. HE20.3502: D63/Spanish).  
13201 Main stem reservoir effects on water quality in central Missouri River, 1952-57 [with list of references cited]; by Joe Kendall Neel, H. P. Nicholson, and Allan Hirsh. Mar. 1953. [170] p. il. 4" (Region 6, Water Supply and Pollution Control, Kansas City, Mo.) ‡ L.C. card 77-613590 HE 20.2: M 690/6

\*For Sale by Superintendent of Documents  
†Distribution Made by Issuing Office  
‡Official Use. Not Available

# AUGUST 1971

13202 Municipal waste report, metropolitan Denver area, South Platte River basin, appendix B. Dec. 1965. [7]+116 p. il. 4° ([PR-3/app.B]; Division of Water Supply and Pollution Control, South Platte River Basin Project, Denver, Colo.) ‡  
HE 20.2: So 8 p/2/app.B

13203 Report of supplemental survey, North Platte River, Torrington, Wyo.-Bridgeport, Nebr., Oct. 14-26, 1963. [1963.] [1]+10+[12] leaves, il. 4° (Regions 6 & 8.) [Prepared in cooperation with Wyoming Department of Public Health, Nebraska Department of Health.] ‡  
HE 20.2: N 81 p/3/supp.

13204 Report of survey, North Platte River, Torrington, Wyo.-Bridgeport, Nebr., Nov. 30-Dec. 6, 1962. [1963.] [77] leaves il. 4° (Regions 6 & 8.) [Prepared in cooperation with Wyoming Department of Public Health and Nebraska Department of Health.] ‡  
HE 20.2: N 81 p/3

13205 Report on oil spills affecting Minnesota and Mississippi Rivers, winter of 1962-63 [with list of references]. 1963. [1]+viii+40 p. 4° (Division of Water Supply and Pollution Control, Technical Services Branch, Technical Advisory and Investigations Section, Robert A. Taft Sanitary Engineering Center, Cincinnati, Ohio.) ‡  
L.C. card 79-613588 HE 20.2: O15

13206 South Platte River basin water pollution investigation, exhibits and appendices. July 1950. [1]+227A-414 p. 3 pl., 1 tab. [Prepared at request of and in cooperation with Bureau of Reclamation, Colorado State Department of Public Health, and City and County of Denver, Colo.] ‡  
L.C. card 75-613591 HE 20.2: So 8 p/5/app.

13207 South Platte River basin water pollution investigation, report. July 1950. [5]+1-227 p. 27 pl. 4° [Prepared at request of and in cooperation with Bureau of Reclamation, Colorado State Department of Public Health, and City and County of Denver, Colo.] ‡  
L.C. card 75-613587 HE 20.2: So 8 p/5

## Water pollution series. ‡

13208 47. Lower Missouri River Basin, water pollution investigation, cooperative State-Federal report on water pollution. Oct. 1952, cover title, vi+189 p. il. 5 pl. 4° ([Publication 269.]) [Prepared in cooperation with Missouri Drainage Basin Office. At head of title on cover: For clean water—"one river, one plan."] FS 2.64: 47

13209 56. Comprehensive program for control of water pollution, Missouri drainage basin, cooperative State-Federal report on water pollution. July 1953, cover title, viii+123 p. il. 4° ([Publication 317.]) [At head of title on cover: For clean water—"one river, one plan."] FS 2.64: 56

13210 57. Upper portion upper Mississippi River drainage basin, cooperative State-Federal report on water pollution. 1953, cover title, [135] p. il. 4° ([Publication 321; Division of Water Pollution Control, Upper Mississippi and Great Lakes Drainage Basins Office.]) [Prepared in cooperation with Minnesota Department of Health, Division of Environmental Sanitation, Section of Water Pollution Control. At head of title on cover: For clean water—"one river, one plan."] FS 2.64: 57

## PUBLIC ROADS BUREAU, Transportation Dept. Washington, DC 20591

13211 Transportation needs of rural poor [with bibliography; by Jon E. Burkhardt and others]. Dec. 1969. [2]+xxv+244 p. il. 4° [Prepared by Resource Management Corporation under contract FH-11-6949; originator's report no. UR-072.] ‡  
TD 2.102: R 88

## RADIOLOGICAL HEALTH BUREAU, Health, Education, and Welfare Dept., Rockville, MD 20852

### BRH/DEP (series).

13212 71-8. Evaluation of Westinghouse capacitor discharge mobile X-ray machine; [by] G. F. Grove, Jr. May 1971. ix+19+[2] p. il. 4° \*Paper, 35c. (S/N 1715-0018.) ● Item 46S-A-5 HE 20.1513: 71-8

◆For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to depository Libraries

Page 87

# GOVERNMENT PUBLICATIONS

## BRH/OBD (series).

- 13213 71-1. Regulations for administration and enforcement of Radiation control for health and safety act of 1968. Mar. 1971. [2]+iv+20 p. \*Paper, 25c. (S/N 1715-0013.) • Item 498-B-4 HE 20.1515: 71-1

## RAILROAD SAFETY BUREAU, Transportation Dept. Washington, DC 20591

### Railroad accident investigation report.

- 13214 4165. Norfolk and Western Railway Company, Colby, Ohio. Sept. 21, 1969. [May 11, 1971.] [2]+14 p. il. † TD 3.110: 4165

## RECLAMATION BUREAU, Interior Dept. Washington, DC 20240

- 13215 Active names of Bureau projects and major structures, arranged by Bureau regional areas and including loan program supplement. Nov. 1969. cover title, [210] p. 4° (Office of Chief Engineer, Denver, Colo.) [Issued with perforations. Includes 9 dividers.] † I 27.2: P 94/15/969
- 13216 Backwater and sedimentation study above Red Bluff Dam. Denver, Colo., Dec. 1970; [by James Blanton]. [101] leaves, il. 4° (Sacramento River Division, Central Valley Project, Calif. Sedimentation Section, Hydrology Branch, Division of Planning Coordination, Engineering and Research Center.) † I 27.2: R 24/21
- 13217 Colorado River Basin Pilot Project, cloud seeding research in San Juan Mountains. [1971.] [10] p. il. narrow 8° † I 27.2: C 71/13
- 13218 Irrigation operators' workshop 1970, lecture notes. [1971.] (Division of Water Operation and Maintenance, Engineering and Research Center, Denver, Colo.) † I 27.2: Ir 7/10/970/v.1,2  
v. 1. [280] p. il. 4°  
v. 2. [254] p. il. 4°
- 13219 Oahe Unit, Pick-Sloan Missouri Basin program. [1971.] 2 p. il. oblong 8° folded into narrow 8° size. † • Item 660 I 27.2: Oa 3
- 13220 PLS listing, power facilities operated by Bureau of Reclamation. July 1969. cover title, [3]+97+[5] leaves, il. 13 pl. 4° † I 27.2: P 87/6/969
- 13221 Project Skywater, proceedings; Skywater Conference 2, Design and evaluation of weather modification experiments, atmospheric water resources program, Oct. 11-13, 1967 [with bibliographies]. [1971.] iv+357 p. il. 4° ([Office of Atmospheric Water Resources.]) † I 27.2: Sk 9/967-2
- REC-ERC [Reclamation Bureau, Engineering and Research Center] (series).
- 13222 71-10. Hydraulic model studies of corrugated-metal pipe under-drain energy dissipators; by D. Colgate. Jan. 1971. [2]+1+16+[4] p. il. 4° (Hydraulics Branch, Division of General Research.) [Prepared for Forest Service. Text on p. 2 of cover.] † I 27.60: 71-10
- 13223 Report of Rebar Welding Specification Task Group [with list of references]. Feb. 1971. cover title, 16 p. il. 4° (Engineering and Research Center, Denver, Colo.) † I 27.2: R 24/22
- Research report. (Water resources technical publication.)
- 13224 24. Hydraulic design of stilling basin for pipe or channel outlets, Basin 6 in Bureau of Reclamation designation [with list of references]; by G. L. Beichley. [1971.] vi+27 p. il. 4° \*Paper, 45c. • Item 664-B I 27.54: 24
- 13225 Technical record of design and construction, Glen Canyon Dam and powerplant, constructed 1957-60, Colorado River Storage project, Arizona-Utah. Denver, Colo., Dec. 1970. [7]+xxv+658+[4] p. il. 4° † Paper, \$8.25.  
L.C. card 70-612413 I 27.2: G 48/6/970

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 13226 Water, man, and nature, symposium sponsored by Bureau of Reclamation and American Institute of Biological Sciences, Colorado State University, Fort Collins, Colo., Aug. 30-31, 1971, [announcement folder]. [1971.] [4] p. narrow 8° † I 27.2: W 29/Vann.

**REHABILITATION SERVICES ADMINISTRATION, Health, Education, and Welfare Dept., Washington, DC 20201**

- 13227 National directory of rehabilitation facilities, 1971. (Division of Rehabilitation Facilities)  
v. 9. Region 9, Arizona, California, Hawaii and Nevada; editor Leo A. Donn. 1971.  
vi + [1] + 45 p. 4° [Preliminary issuance.] † HE 17.118/2: 971/v.9
- 13228 Principles and practices for first line supervisors in rehabilitation, report from Study group on principles and practices for effective first-line supervision in rehabilitation counseling, 8th Institute on rehabilitation services, May 17-20, 1970, St. Louis, Mo. [training guide; with bibliographies]. [1971.] x + 204 p. ll. 4° (Information memorandum RSA-IM-71-55.) \* Paper, \$1.75. (S/N 1761-0027). • Item 529-B  
HE 17.108: P 93
- 13229 Rehabilitation Services Administration, quarterly indices, Nov. 1, 1970-Mar. 31, 1971. [1971.] cover title, [5] p. 4° † HE 17.120: 970-71

**SELECTIVE SERVICE SYSTEM  
Washington, DC 20435**

- 13230 If you're asked . . . [1971.] cover title, 8 p. ll. [Last page of text on p. 3 cover.] † • Item 1075 Y 3.Se 4: 2 If 1

**SMITHSONIAN INSTITUTION  
Washington, DC 20560**

- Smithsonian contributions to astrophysics. ([Astrophysical Observatory.])
- 13231 12. Two computerized stream searches among meteor orbits: 1. Among 865 precise photographic orbits; 2. Among 2401 photographic orbits [with lists of references; by] Bertil-Anders Lindblad. 1971. iii + 24 p. ll. 4° \* Paper, 40c. • Item 908-B SI 1.12/2: 12
- Smithsonian contributions to zoology. • Item 910-D SI 1.27: (nos.)
- 13232 63. Bredin-Archbold-Smithsonian survey of Dominica: Dermaptera (Earwigs) of Dominica [with list of literature cited; by] Alan Brindley. 1971. [2] + 25 p. ll. 4° \* Paper, 40c.  
L.C. card 76-613748
- 13233 81. Entocytherid ostracods of Mexico and Cuba [with list of literature cited; by] Horton H. Hobbs, Jr. 1971. [2] + 55 p. ll. 4° \* Paper, 65c.  
L.C. card 70-613749
- 13234 87. Parasitic copepods of family Chondracanthidae from fishes of eastern North America [with list of literature cited; by] Ju-shuey Ho. 1971. [2] + 39 p. ll. 4° \* Paper, 50c.  
L.C. card 72-613747

**SOCIAL AND REHABILITATION SERVICE, Health, Education, and Welfare Dept., Washington, DC 20201**

**Working papers.**

- 13235 1. National study of social welfare and rehabilitation workers, work, and organizational context [with bibliographies]. May 1971. v + [1] + 226 p. 4° (Publication SRS-ORD-177.) \* Paper, \$1.75. • Item 532-A-10  
HE 17.24: 1

**SOCIAL SECURITY ADMINISTRATION, Health, Education, and Welfare Dept., Washington, DC 20201**

- From the Social security survey of the disabled, 1966, reports. (Office of Research and Statistics.)
- 13236 16. Sources and size of income of disabled; by Idella G. Swisher. June 1971. [1] + 77 p. ll. 4° † HE 3.54/2: 16

✦For Sale by National Technical Information Service,  
Springfield, VA 22151  
•Sent to depository Libraries



# GOVERNMENT PUBLICATIONS

- Health insurance statistics: HI (series). (Office of Research and Statistics.)
- 13237 27. Medicare reimbursement for services in 1967 by age, race, and sex; [prepared in Division of Health Insurance Statistics]. June 23, 1971. 3 p. 1 pl. 4° †  
HE 3.28/5: 27
- Research and statistics note, 1971 (series). (Office of Research and Statistics.) † HE 3.28/2: (nos.)
- 13238 5. Social security benefits and earnings of minority groups in covered employment; by Jack Schmulowitz and Anna M. Young. June 23, 1971. 13+ [1] p. il. 4°
- 13239 6. Group long-term disability insurance in private sector, trends and relationship to OASDHI; by Daniel N. Price. June 29, 1971. 7 p. 4°
- 13240 Social security rulings on Federal old-age, survivors, disability, and health insurance, cumulative bulletin 1970, SSR 70-1 to SSR 70-61. [1971.] vii+214 p. \* Paper, \$1.00. • Item 523-A HE 3.44/2: 970
- SSI (series). † • Item 523-B HE 3.52: (nos.)
- 13241 50b. Your medicare handbook: Medical insurance under social security, medical insurance (pt. B). Mar. 1971. 23 p. 4°
- 13242 636. Introduction to social security, programmed learning text. [Apr. 1971.] cover title, [3]+42 p. 4°

## SOIL CONSERVATION SERVICE, Agriculture Dept. Washington, DC 20250

- 13243 After Camille, conservation recovery follows disaster in Virginia. Richmond, Va., Feb. 1971. 28 p. il. 4° † A 57.2: C 14
- 13244 Engineering field manual notice 4. Apr. 30, 1971. [4]+76 p. il. 4° [Issued in looseleaf form.] † • Item 120-A A 57.6/2: En 3/3/notice 4
- 13245 Recreacion al aire libre, evaluacion del las potencialidades; Distrito de Conservacion de Suelos Culebrinas. Dec. 1970. cover title, [71] p. il. oblong 12° [Preparado por el Servicio de Conservacion de Suelos Federal en cooperacion con Servicio de Extension Agricola, Administracion de Hogares de Agricultores, Servicio de Estabilizacion y Conservacion Agricola, Departamento de Agricultura de Puerto Rico, Servicio Forestal Federal.] † A 57.57: C 89
- 13246 Soil survey: Keokuk County, Iowa [with list of literature cited; by R. G. Jones and J. D. Highland. May 1971. cover title, [1]+107 p. il. 106 p. of pl. and maps, 4° [Prepared in cooperation with Iowa Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] \* Paper, \$6.00. • Item 102 (Rev. 1957)  
L.C. card 75-613729 A 57.38: K 43
- 13247 — La Moure County and parts of James River Valley, N. Dak. [with list of literature cited; by Donald G. Thompson and Michael D. Sweeney]. May 1971. cover title, 1+120 p. il. 124 p. of pl. and maps, 4° [Prepared in cooperation with North Dakota Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] \* Paper, \$6.75. • Item 102 (Rev. 1957)  
L.C. card 79-613608 A 57.38: L 19
- 13248 — Powder River area, Mont. [with list of literature cited; by John L. Parker and others]. June 1971. cover title, [1]+99 p. il. 297 p. of pl. and maps, 4° [Prepared in cooperation with Department of Interior, Bureau of Land Management and Montana Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] \* Paper, \$13.50. • Item 102 (Rev. 1957)  
L.C. card 72-613609 A 57.38: P 87
- 13249 — Stevens County, Minn. [with list of literature cited; by Royce R. Lewis, Donald E. DeMartelaere, and Ernest L. Miller]. June 1971. cover title, [1]+88 p. il. 101 p. of pl. and maps, 4° [Prepared in cooperation with University of Minnesota Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] \* Paper, \$5.75. • Item 102 (Rev. 1957)  
L.C. card 70-613741 A 57.38: St 4

\*For Sale by Superintendent of Documents  
†Distribution Made by Issuing Office  
‡Official Use. Not Available.



- 13250 — Washington County, Wis. [with list of literature cited; by Keith O. Schmude]. June 1971. cover title, 1+106 p. il. 79 p. of pl. and maps, 4° [Prepared in cooperation with Wisconsin Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] \* Paper, \$4.75. ● Item 102 (Rev. 1967)  
L.C. card 79-613561 A 57.38: W 27/4

- 13251 Watershed work plan, Boxelder Creek Watershed, Larimer and Weld Counties, Colo., Albany and Laramie Counties, Wyo.; prepared by Fort Collins Soil Conservation District [and other State county and local agencies]. [Feb. 1971.] 103 p. il. 12 plates and map, 4° [Prepared under authority of Watershed protection and flood prevention act (Public law 566, 83d Congress, 68 Stat. 666) as amended. Assistance provided by U.S. Forest Service. Map is colored.] † A 57.59.B 60

**SOLID WASTE MANAGEMENT OFFICE, Environmental Protection Agency, Rockville, MD 20852**

- 13252 An accounting system for transfer station operations; by Eric R. Zausner. 1971. [2]+20 p. il. 4° (Report SW-38ts.) \* Paper, 30c. (S/N 5502-0028). ● Item 487-A-1  
L.C. card 74-611843 EP 3.2: Ac 2/2

- 13253 California solid waste management study (1968 and plan (1970)); prepared by California State Department of Public Health. 1971. [303] p. il. 4° (Public Health Service publication 2118.1.) [SW-2tag under State Solid Waste Planning grant SO2-UI-00008.] \* Paper, \$2.50. ● Item 487-A-1  
L.C. card 77-608769 EP 3.2: C 12

- 13254 Sanitary landfill design, construction, and evaluation; compiled by Maxwell J. Wilcomb and H. Lanier Hickman, jr. 1971. iii+11 p. 4° (Report SW-88ts.) \* Paper, 30c. ● Item 487-A-1 EP 3.2: Sa 5

- 13255 Solid waste disposal act, Title 2 of Public Law 80-272-80th Congress, S. 306-Oct. 20, 1965, Public Law 91-512-91st Congress, H.R. 11833-Oct. 26, 1970. [1971.] [2]+14 p. (SW-1.1.) \* Paper, 10c. ● Item 487-A-5 EP 3.5: D 63

**SPORT FISHERIES AND WILDLIFE BUREAU, Interior Dept. Washington, DC 20240**

- 13256 Bureau of Sport Fisheries and Wildlife programs, 1971. [1971.] [18] p. il. oblong 48° [Text on p. 2 and 4 of cover.] † ● Item 612  
I 49.2: Sp 6/2/971

FGL [Foreign game leaflet] (series). ● Item 611-G I 49.74: (nos.)

- 13257 18. Kalif pheasants [with list of references; by Wayne H. Bohl]. June 1971. 4 p. il. 4° \* Paper, 10c. (S/N 2410-0260).

- 13258 19. Spotted tinamou [with list of references; by Gardiner Bump]. June 1971. 4 p. il. 4° \* Paper, 10c. (S/N 2410-0261).

Resources publication.

- 13259 92. Classification of natural ponds and lakes in glaciated prairie region [with list of references]; by Robert E. Stewart and Harold A. Kantrud. 1971. iv+57 p. il. 4° \* Paper, 65c. ● Item 613-B I 49.66: 92

- 13260 Sport fishing USA; Dan Saults, Managing Editor [and] Michael Walker, Editor. [1971.] x+[2]+464 p. il. 4° [Many illustrations are colored.] \* Cloth, \$10.00. ● Item 612  
L.C. card 70-613638 I 49.2: F 53/15

**STATE DEPARTMENT Washington, DC 20520**

Background notes. ([Office of Media Services, Bureau of Public Affairs.]) [Issued with perforations.] \* Paper, \$3.50 per yr., \$3.00 additional for foreign mailing; single copies, each 10c. ● Item 862-B

- 13261 Bermuda [with reading list]. [Revised May 1971.] [1971.] 4 p. il. 4° ([Publication 7907.]) S 1.123: B 45/971

♦For Sale by National Technical Information Service, Springfield, VA 22151

●Sent to depository Libraries

# GOVERNMENT PUBLICATIONS

## Background notes—Continued

- 13262 Mexico [with reading list]. [Revised Mar. 1971]. [1971.] 7 p. il. 4° ([Publication 7865.]) S 1.123: M 57/971
- 13263 Republic of Ecuador [with reading list]. [Revised May 1971.] [1971.] 6 p. il. 4° ([Publication 7771.]) S 1.123: Ec 9/971
- 13264 Republic of Rwanda [with reading list]. [Revised May 1971.] [1971.] 4 p. il. 4° ([Publication 7916.]) S 1.123: R 94/971
- 13265 United Arab Republic [with reading list]. [Revised Apr. 1971.] [1971.] 8 p. il. 4° ([Publication 8152.]) S 1.123: Un 34 a/971
- 13266 Diplomatic social usage, guide for United States representatives and their families abroad. [Revised May 1971.] [1971.] cover title, iv+20 p. il. 4° [Last page left blank for notes.] \* Paper, 30c. (S/N 4400-1354). S 1.40/2: D 62/2
- Item 876-B

## East Asian and Pacific series.

- 13267 200. Current foreign policy: Viet-Nam, ending U.S. involvement in the war. [June 1971.] [4] p. il. 4° (Bureau of Public Affairs, Office of Media Services; [Publication 8589.]) \* Paper, 10c. (S/N 4400-1351). ● Item 870 S 1.38: 200

## General foreign policy series. ● Item 875

S 1.71: (nos.)

- 13268 195. How foreign policy is made. [Revised June 1971.] [1971.] [2]+28+[2] p. il. 4° ([Publication 7707; Bureau of Public Affairs, Office of Media Services.]) \* Paper, 50c.
- 13269 255. Current foreign policy: Congress, the President, and war powers. [June 1971.] 12 p. 4° ([Publication 8591; Bureau of Public Affairs, Office of Media Services.]) [Includes list of footnote references.] \* Paper, 15c.
- 13270 German, programmed introduction; by William R. Van Buskirk and Associates. 1971. xii+647 p. 4° (Foreign Service Institute.) [Basic course series edited by Augustus A. Koski.] \* Paper, \$4.50. (S/N 4400-1353). S 1.114/2: G 31/2
- Item 872-A

## International boundary study. (Geographer [Directorate for Functional Research], Bureau of Intelligence and Research.)

- 13271 111. Iraq-Saudi Arabia boundary. June 1, 1971. cover title, [1]+10 p. map 4° ‡ S 1.119/3: 111

## Treaties and other international acts series. \* Paper, \$15.00 a yr. (approximately 150 issues), \$7.00 additional for foreign mailing; single copies vary in price. (Issues of \$1.00 or more are not furnished as part of the subscription). ● Item 800 S 9.10: (nos.)

- 13272 7075. Extradition, supplementary convention to convention of Jan. 6, 1969, between United States and France signed Paris Feb. 12, 1970, with exchange of letters and notes, signed Paris Feb. 12 and June 2 and 11, 1970; [entered into force Apr. 3, 1971]. [1971.] [2]+15 p. [English and French.] \* Paper, 15c. L.C. card 71-613527
- 13273 7082. Trade, meat imports, agreement between United States and New Zealand, effected by exchange of notes signed Washington, Mar. 30, 1971; [entered into force Mar. 30, 1971.] [1971.] [2]+6 p. \* Paper, 10c. L.C. card 73-612446
- 13274 7086. Education, financing of exchange programs, agreement between United States and Federal Republic of Germany, supplementing agreement of Nov. 20, 1962, as supplemented, effected by exchange of notes, dated Bonn and Bonn-Bad Godesberg, Feb. 1 and Mar. 15, 1971; [entered into force Mar. 15, 1971]. [1971.] [2]+3 p. [German and English] \* Paper, 10c. L.C. card 79-612450
- 13275 7091. Certificates of airworthiness for export, agreement between United States and Canada, amending arrangement of July 28, 1938, effected by exchange of notes dated Ottawa Aug. 12, 1970, and Feb. 18, 1971; [entered into force Feb. 18, 1971]. [1971.] [2]+4 p. [English and French.] \* Paper, 10c. L.C. card 72-613676
- 13276 7092. Finance, debt rescheduling under certain agricultural commodities, surplus property, and other agreements, agreement between United States and Indonesia, signed Djakarta Mar. 16, 1971 [entered into force Mar. 16, 1971]. [1971.] [2]+7 p. \* Paper, 10c. L.C. card 76-613598
- 13277 7093. Trade, meat imports, agreement between United States and Dominican Republic, effected by exchange of notes signed Santo Domingo Feb. 11 and Mar. 11, 1971; [entered into force Mar. 11, 1971]. [1971.] [2]+5 p. [English and Spanish.] \* Paper, 10c. L.C. card 73-613652

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# AUGUST 1971

- 13278 7004. Social security, agreement between United States and Togo, affected by exchange of notes dated Lome March 17 and 26, 1971; [entered into force Mar. 26, 1971]. [1971.] [2]+5 p. [English and French.] \* Paper, 10c.  
L.C. card 75-613674
- 13279 7005. Long range aid to navigation (LORAN-A), sale of equipment and construction of station at Gray Point, agreement between United States and Canada, effected by exchange of notes, signed Ottawa Apr. 8, 1971; [entered into force Apr. 8, 1971]. [1971.] [2]+7 p. [English and French.] \* Paper, 10c.  
L.C. card 76-613677
- 13280 7007. Agricultural commodities, agreement between United States and Philippines signed Manila Apr. 16, 1971; [entered into force Apr. 16, 1971]. [1971.] [2]+7 p. \* Paper, 10c.  
L.C. card 76-613637

- 13281 U.S. national report on human environment, prepared for United Nations Conference on Human Environment, June 1972, Stockholm, Sweden. [June 1971.] [5]+53 p. ([Publication 8588; Bureau of International Scientific and Technological Affairs.]) [Text on p. 2 of cover.] \* Paper, 40c. (S/N 4400-1355). • Item 876  
L.C. card 73-613636 S 1.2: En 8

- 13282 United States treaties and other international agreements, v. 21, pt. 2, 1970. [1971.] viii+1057-2002+ix p. large 8° [Includes Treaties and other international acts series 6850-6955. Text in English and other languages.] \* Cloth, \$10.00. • Item 899-A S 9.12: 21/pt.2

## STATISTICAL REPORTING SERVICE, Agriculture Dept. Washington, DC 20250

- 13283 Agricultural prices, 1970, annual summary. June 1971. 174 p. 4° (Pr. 1-3 (71): Crop Reporting Board.) † • Item 18-C A 92.16/2: 970
- 13284 Hogs and pigs, June 1971 (U.S. and 10 corn belt States). June 24, 1971. (MtAn 4(6-71); Crop Reporting Service.) † • Item 24-H A 92.18/7: 971-2
- 13285 Production of manufactured dairy products 1970. July 19, 1971. 62 p. 4° (Da 2-1(71); Crop Reporting Board.) † • Item 24-F A 92.10/5: 970
- 13286 Washington agricultural statistics, annual crop report, 1970. [1971.] cover title, 52 p. il. oblong 8° [Prepared by Washington Crop and Livestock Reporting Service. Text and illustration on p. 1-3 of cover.] † State Statistical Office, 3136 Federal Office Building, Seattle, WA 98104 A 92.2: W 27/970

## SYSTEMS RESEARCH AND DEVELOPMENT SERVICE, Transportation Dept., Washington, DC 20553

### Report FAA-RD (series).

TD 4.500:(nos.)

- 13287 70-77. Airfield pavement requirements for multiple wheel heavy gear loads, final report [with list of references; by] D. N. Brown [and] J. L. Rice. Jan. 1971. cover title, 43 p. il. 4° [Prepared under contract FA6 9WAI-1561 by U.S. Army Engineer Waterways Experiment Station, Corps of Engineers, Vicksburg, Miss. Work unit 450-702-04E.] † Paper, \$3.00.
- 13288 71-3. Titanium fuselage environmental changes in post-crash fires, final report [with list of references; by] Constantine P. Sarkos. Mar. 1971. cover title, ix+49+14+2 p. il. 4° [Prepared under project 503-301-01X by National Aviation Facilities Experimental Center, Atlantic City, N.J.] † Paper, \$3.00.
- 13289 71-11. Traffic handling capacity of VORTAC system and means of increasing it in the future, final report [with list of references; by] Charles J. Hirsch. Aug. 1970. cover title, [3]+28 p. il. 4° [Contract WI-70-1362-1.] † Paper, \$3.00.
- 13290 Scientific and Technical reports, 1970, [list]. [1971.] cover title, [1]+32 p. 4° † TD 4.500: list/970

‡For Sale by National Technical Information Service,  
Springfield, VA 22151  
•Sent to depository Libraries

## GOVERNMENT PUBLICATIONS

### TARIFF COMMISSION Washington, DC 20436

- 13291 Capacitors and semiconductors, former workers of Sprague Electric Company plants at North Adams, Mass. [etc.], report to President on worker investigations TEA-W-82-88 under sec. 301(c) (2) of Trade expansion act of 1962. May 1971. [56] p. 4° (TC publication 395.) †  
TC 1.2: C 17/3
- 13292 Capacitors and semiconductors, Sprague Electric Company, North Adams, Mass., report to President on investigation TEA-F-22 under sec. 301(c) (1) of Trade expansion act of 1962. May 1971. [49] p. 4° (TC publication 394.) †  
TC 1.2: C 17/2
- 13293 Chicken eggs in the shell from Mexico, determination of no injury in investigation AA1921-75, under Antidumping act, 1921, as amended. June 1971. cover title, 6 p. 4° (TC publication 400.) † TC 1.31/2: C 43
- 13294 Pig iron from Canada, Finland, and West Germany, determinations of injury in investigations AA1921-72-73 and -74, under Antidumping act, 1921, as amended. June 1971. cover title, 8 p. 4° (TC publication 398.) †  
TC 1.31/2: P 62
- 13295 Pipe organs, production and maintenance workers of M.P. Moller, Inc., report to President on investigation TEA-W-90 under sec. 301(c) (2) of Trade expansion act of 1962. June 1971. [26] p. 4° (TC publication 397.) †  
TC 1.2: P 66/3
- 13296 Special and administrative provisions (titles 3 and 4) of Tariff act of 1930, as amended, May 1, 1971, supplement 1. 1971. [15] p. 4° [Issued in looseleaf form.] † • Item 980 TC 1.10/2: 970/supp.1
- 13297 Staff research studies: Tariff preferences for developing countries, existing and proposed arrangements [with bibliography; by] George C. Reeves. 1971. cover title, [4]+166 p. map, 4° †  
TC 1.2: T 17/17
- 13298 Synthetic organic chemicals, United States production and sales of surface active agents, 1969, preliminary. June 1971. cover title, [1]+25 p. 4° †  
TC 1.33/2: Su 7/969
- 13299 Tractor parts, investigation 337-22, under provisions of sec. 337 of title 3 of Tariff act of 1930, as amended. June 1971. cover title, [75] p. 4° (TC publication 401.) †  
TC 1.2: T 67/17
- 13300 Women's leather shoes, workers of Lown-Salvage Shoe Corp., Auburn, Maine, report to President, worker investigation TEA-W-91, under section 301(c) (2) of Trade expansion act of 1962. June 1971. [3]+4+A-18 p. 4° (TC publication 399.) †  
TC 1.2: L 48/3

### TENNESSEE VALLEY AUTHORITY Washington, DC 20444

- 13301 Fertilizer marketing in changing agriculture, [proceedings] Fertilizer Production & Marketing Conference, Oct. 1-3, 1969, Memphis, Tenn., [with bibliographies]. [1971.] 112 p. il. 4° †  
L.C. card 70-251030 Y 3.T 25: 2 F 41/10

### TRANSPORTATION DEPARTMENT Washington, DC 20590

- 13302 Aeronautical telecommunications in Southeast Asia, Indonesia, Laos, Malaysia, and Thailand. 1970. [275] p. il. 4° [Prepared at request of 4 countries by Federal Aviation Administration and other offices of Transportation Dept., in cooperation with International Development Agency.] †  
TD 1.2: Ae 8/2
- 13303 Analysis of United States aerospace and air transport industries; prepared by Office of Supersonic Transport Development. Mar. 17, 1971. cover title. [3]+73 p. il. 4° †  
TD 1.2: Ae 8

\*For Sale by Superintendent of Documents  
†Distribution Made by Issuing Office  
‡Official Use. Not Available

# AUGUST 1971

DOT TST (series). 4 Paper, each, \$3.00.

TD 1.20:(nos.)

- 13304 10-1. Contractor report: Institutional factors in civil aviation; [Robert C. Fraser, project director]. Jan. 1971. cover title, [228] p. il. 4° [Prepared by A. D. Little Inc., Cambridge, Mass. under contract DOT OS-00083 for joint DOT-NASA civil aviation R&D policy study. Issued by National Aeronautics and Space Administration as NASA contractor report 1807.]  
L.C. card 75-612153
- 13305 10-2. Contractor report: Historical study of benefits derived from application of technical advances to civil aviation, v. 1, summary report and appendix A, (detailed case studies) [with lists of references]. Feb. 1971. cover title, xiii+120+[46] p. il. 4° [Prepared by Booz, Allen Applied Research, Inc., Bethesda, Md. under contract DOT-OS-0020 for joint DOT-NASA civil aviation R&D policy study (TST-30). Issued by National Aeronautics and Space Administration as NASA contractor report 1808.]  
L.C. card 79-612154
- 13306 10-3. Contractor report: Historical study of benefits derived from application of technical advances to civil aviation, v. 2, appendices B-I [with lists of references]. Feb. 1971. cover title, [442] p. il. 4° [Prepared by Booz, Allen Applied Research, Inc., Bethesda, Md. under contract DOT-OS-0020 for joint DOT-NASA civil aviation R&D policy study (TST-30). Issued by National Aeronautics and Space Administration as NASA contractor report 1809.]  
L.C. card 79-612154
- 13307 Evaluation of urban transportation planning [with selected bibliography]. Feb. 1971. cover title, [190] leaves, 4° (Office of Assistant Secretary for Environment and Urban Systems.) [Report to Director, Office of Management and Budget.] †  
TD 1.2: Ur 1/2
- 13308 Freight loss and damage, exploratory study of economic, administrative, and legal factors affecting freight loss and damage; prepared for Office of Policy Review. Feb. 1971. [7]+63 p. 4° †  
TD 1.2: F 88/2
- 13309 Report to Secretary on investigation of chartered aircraft services; by Assistant Secretary for Safety and Consumer Affairs. Feb. 5, 1971. [4]+11 +77 p. 4° †  
TD 1.2: Ai 7/2

## TREASURY DEPARTMENT

Washington, DC 20220

- 13310 Administration's action program to combat theft of international cargo, remarks of Eugene T. Rossides, Assistant Secretary of Treasury (Enforcement, Tariff and Trade Affairs, and Operations) before Government-Industry Cargo Security Conference, June 17, 1971, Washington, D.C. [1971.] 7 p. 4° (C-75.) †  
T 1.31: R 73/7
- 13311 Asset depreciation range (ADR) system. June 1971. [1]+290 p. il. 4°  
● Item 925 †  
L.C. card 73-613758  
T 1.2: As 7/3
- Department circulars. †  
T 1.4/2:(nos.)
- 13312 230. Regulations governing practice of attorneys, certified public accountants, and enrolled agents before Internal Revenue Service. Revised [edition]. Dec. 1970. [1]+13 p. [Title 31 Code of Federal regulations, subtitle A, pt. 10.] ● Item 924
- 13313 1030. Regulation relating to cash held at personal risk including imprest funds by disbursing officers and cashiers of United States Government, 2d revision, amdt. 1. July 6, 1971. 1 p. 4° (Fiscal Service, Bureau of Accounts.)
- Department circular, Public debt series.
- 13314 3-71. 5 percent treasury notes of series E-1972, dated and bearing interest from May 15, 1971, due Aug. 15, 1972. Apr. 29, 1971. 2 p. 4° † ● Item 924  
T 1.4/3: 3-71
- 13315 General revenue sharing, analysis of issues and alternatives submitted to Committee on Ways and Means, U.S. House of Representatives, June 2, 1971. 1971. 18 p. il. 4° †  
T 1.2: R 32
- 13316 Local distribution of revenue sharing funds, excerpts from remarks of Murray L. Weidenbaum, Assistant secretary of Treasury for Economic Policy, before twelfth triennial convention of Office and Professional Employees International Union, Miami Beach, Fla., June 9, 1971. [1971.] 24 p. 4° (C-68 and C-69.) †  
T 1.31: W 42/25

4For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to depository Libraries

Page 95



## GOVERNMENT PUBLICATIONS

- 13317 Problems of federal finance, remarks of Paul A. Volcker, Undersecretary of Treasury for Monetary Affairs, at Municipal Bond Women's Club of New York, New York, N.Y., June 10, 1971. [1971.] 18 p. 4° (C-71.) †  
T 1.31: V 88/14
- 13318 Remarks of Charls E. Walker, Under Secretary of Treasury, before Federal Government Accountants Association's 20th annual symposium, Washington, D.C., June 28, 1971. [1971.] 9 p. 4° (C-82.) † T 1.31: W 151/14
- 13319 Remarks of John B. Connally, Secretary of Treasury at International Banking Conference of American Bankers Association, Munich, Germany, May 28, 1971. [1971.] 10 p. 4° † T 1.31: C 76/4
- 13320 Statement by Charls E. Walker, Under Secretary of Treasury, before Senate Banking, Housing and Urban Affairs Committee on S. 2202, July 9, 1971. [1971.] 6 p. 4° (C-87.) † T 1.31: W 151/15
- 13321 Statement by John B. Connally, Secretary of Treasury before Committee on Ways and Means U.S. House of Representatives, June 2, 1971. 1971. 7 p. 4° (C-61.) † T 1.31: C 76/3
- 13322 Statement of Eugene T. Rossides, Assistant Secretary of Treasury for Enforcement, Tariff and Trade Affairs, and Operations, before House Committee on Foreign Affairs, Subcommittee on Europe, July 9, 1971. [1971.] 17 p. 4° (C-88.) † T 1.31: R 73/8
- 13323 Statement of Paul A. Volcker, Under Secretary of Treasury for Monetary Affairs, before Subcommittee on Foreign Economic Policy of Joint Economic Committee, June 24, 1971. [1971.] 11 p. 4° † T 1.31: V 88/15

## UNITED STATES POSTAL SERVICE Washington, DC 20260

[Commemorative stamp posters.]

NOTE.—Commemorative stamp posters, which will be issued irregularly, are available on a subscription basis from the Superintendent of Documents, \$1.50 a yr.; 50c. additional for foreign mailing.

- 13324 8-cent John Sloan American painting commemorative stamp, issue date Aug. 2, 1971, Lock Haven, Pa. [1971.] 10.5 x 8 in. P 1.26/2: P 16/2
- 13325 8-cent wildlife conservation stamp, will be issued June 12, 1971 at Avery Island, La. 1971. 10.5 x 8 in. P 1.26/2: W 64/3
- 13326 10-cent international surface mail postal card, will be first placed on sale June 10, 1971, in New York, N.Y. 1971. 10.5 x 8 in. P 1.26/2: In 8/11
- 13327 15-cent international air mail postal card, will be first placed on sale June 10, 1971 at New York, N.Y. 1971. 10.5 x 8 in. P 1.26/2: In 8/12
- 13328 International postage rates and fees. July 1971. 13 p. (Publication 51.) †  
● Item 837 P 1.2: In 8/3/971

## UNITED STATES TRAVEL SERVICE, Commerce Dept. Washington, DC 20230

- 13329 Great outdoors of USA, please come, invitation from people of United States. [1971.] [2] p. ll. oblong 8" folded into narrow 8" size. ([U.S.T.S. 104]) [Illustrations are colored.] † ● Item 271-A-1 C 47.2: Ou 8/2
- 13330 Remarks of C. Langhorne Washburn, Assistant Secretary of Commerce for Tourism, at California State Tourism Conference, June 16, 1971, Sacramento, Calif. [1971.] 12 p. 4° † C 47.9: W 27/10
- 13331 Remarks of C. Langhorne Washburn, Assistant Secretary of Commerce for Tourism, before 1971 Discover America Pow Wow and Travel Mart, July 6, 1971, Chicago, Ill. [1971.] 8 p. 4° † C 47.9: W 27/11
- 13332 Remarks of Jack H. Richardson, Special Assistant to Assistant Secretary for Tourism, at ninth meeting of Permanent Executive Committee, Inter-american Travel Congresses, June 8, 1971, at Pan American Union, Washington, D.C. [1971.] 4 p. 4° † C 47.9: R 39

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available



AUGUST 1971

VETERANS ADMINISTRATION  
Washington, DC 20420

[Information bulletin] IB (series).

- 13333 5. Newsletter for research in psychology, v. 13, no. 2, May 1971: [Neil W. Coppling, editor]. [1971.] cover title, iv+72 p. il. 4° [Includes list of recently published studies. Newsletter published quarterly in Research Unit on Aging, Veterans Administration Center, Bay Pines, Fla. Issued with perforations.] † ● Item 986-A VA 1.22: 15-5/5

VA pamphlets. ● Item 988

VA 1.19: (nos.)

- 13334 05-15. Engineers, civil, electrical, mechanical, and architects in Veterans Administration. [Revised 1971.] [Apr. 1971.] 26+ [2] p. il. 4° ([Office of Personnel.]) \* Paper, 35c. (S/N 5100-0046).  
13335 20-67-1. Summary of benefits for veterans with service since Jan. 31, 1955, and their dependents. Revised Apr. 1971. [1971.] 8 p. 4° †  
13336 20-4. Questions and answers on guaranteed and direct loans for veterans. Revised May 1971. [1971.] 31 p. [Rescission of VA pamphlet 20-4, revised, Feb. 1970.] †  
13337 29-24. Refund life income and monthly installment options for payment of cash surrender values and matured endowments NSLI and USGLI. June 1971. 8 p. narrow 8° (Department of Veterans Benefits, Insurance Service.) †

WAGE AND HOUR DIVISION, Labor Dept.  
Washington, DC 20210

Child labor bulletin.

- 13338 102M. Young farm workers and Fair labor standards act. May 1971. [6] p. (WH publication 1338.) † ● Item 776 L 22.14: 102 M  
13339 Minimum wage rates for Puerto Rico required by Fair labor standards act, no. 2, May 1970. [1970.] cover title, [1]+11 p. 4° (WH publication 70-942) [Text on p. 2-3 of cover.] † L 22.2: W 12/5/970

WATER QUALITY OFFICE, Environmental Protection Agency  
Rockville, MD 20852

Analytical Reference Service report.

- 13340 39. Water physics, no. 1 [with bibliographies; by] R. J. Lishka and E. F. McFarren. 1971. xv+154 p. † ● Item 483-F EP 2.16: 39  
13341 Conference in matter of pollution of navigable waters of Dade County, Fla., and tributaries, embayments and coastal waters, proceedings, Miami, Fla., Oct. 20-22, 1970. [1971.] cover title, [760] p. il. 4° † ● Item 473-A-1 I 67.2: D 12/970  
L.C. card 70-613559  
13342 Conference in matter of pollution of South Platte River basin in State of Colorado, 2d session, Denver, Colo., Apr. 27-28, 1966, proceedings [with bibliographies]. [1966.] † I 67.2: So 8/5/v.1-3/966  
L.C. card 73-613581  
v. 1. cover title, 1-1A, 2-2P, 3-261 p. il. 4°  
v. 2. cover title, [8]+262-587 p. il. 4°  
v. 3. cover title, [8]+588-913 p. il. 4°  
13343 Conference in matter of pollution of South Platte River basin in State of Colorado, 2d session, Denver, Colo., reconvened Nov. 10, 1966, proceedings. [1966.] cover title, 1-3H, 4-170 p. 4° † I 67.2: So 8/5/966-2  
L.C. card 70-613580  
13344 Conference, pollution of Lake Michigan and its tributary basin [in States of Wisconsin, Illinois, Indiana, Michigan], 3d session reconvened in workshop sessions, Sept. 28-30, and Oct. 1-2, 1970, Chicago, Ill. proceedings, [with bibliographies]. [1971.] † ● Item 473-A-1 I 67.2: M 58/6/970-2/v.1-5  
L.C. card 79-613529  
v. 1. Sept. 28, 1970. xxv+616+ [24] p. il. 4°  
v. 2. Sept. 29, 1970. vi+617-964 p. il. 4°  
v. 3. Sept. 30, 1970. viii+965-1390 p. il. 4°  
v. 4. Oct. 1, 1970. vi+1391-1719 p. il. 4°  
v. 5. Oct. 2, 1970. xlii+1720-2375A+ [34] p. il. 4°  
13345 [This entry no. not used.]

◆For Sale by National Technical Information Service,  
Springfield, VA 22151  
●Sent to depository Libraries

Page 97

# GOVERNMENT PUBLICATIONS

## Oil and hazardous substances program series.

- 13346 OHM 7102 001. Spill prevention techniques for hazardous polluting substances: Inventory and survey of hazardous chemical facilities in Charleston, W. Va., Baltimore, Md., Texas City, Tex., and Suisun Bay-Delta Area, Calif.; prepared by J. L. Goodier (and others). Feb. 1971. ix+292 p. il. 4° (Oil and Hazardous Materials Division.) [Prepared under contract 14-12-027 by Arthur D. Little, Inc., Cambridge, Mass.] \* Paper, \$2.50. ● Item 473-A-4 EP 2.11: OHM 7102 001
- 13347 Primer on waste water treatment. [Revised Mar. 1971.] [1971.] [2]+24 +[2] p. il. 4° ([CWA-12.]) [Some illustrations are colored.] \* Paper, 55c. ● Item 473-A-1 EP 2.2: W 28/2
- 13348 Progress meeting in matter of pollution of interstate waters of Potomac River and its tributaries (Washington metropolitan area), District of Columbia, Maryland, Virginia [conference proceedings]. Arlington, Va. † ● Item 473-A-1 EP 2.2: P 84/970/v. (nos.)  
L.C. card 79-613040
- v. 1. Dec. 8, 1970. [1971.] xvii+1-195 p. il. 4°  
v. 2. Dec. 9, 1970. [1971.] v+196-395 p. il. 4°
- 13349 Report on bacteriological pollution from municipal and industrial waste discharges on Red River of the North. Feb. 1966. cover title, [60] leaves, il. 4° (Robert A. Taft Sanitary Engineering Center, Cincinnati, Ohio.) [Errata, 1 p. issued also.] † FS 16.2: R 24  
L.C. card 72-613589
- 13350 Report on Dade County industrial waste sources, inventory and evaluation [with bibliography]. Mar. 1971. [38] leaves, map 4° (Division of Field Investigations, Denver Center, Denver, Colo.) † EP 2.2: D 42
- 13351 Study of industrial waste pollution in South Platte River basin: App. C, Outfall study, location and sampling results, supplement to basic report. Dec. 1966. [23] p. il. 4° ([Pr-6C]; South Platte River Basin Project, Denver, Colo.) † I 67.2: So 8/7/app.C
- 13352 — App. D, Meat industry waste study, supplement to basic report [with bibliography]. Dec. 1966. [1]+D-16 leaves, 2 pl. 4° ([PR-6D]; South Platte River Basin Project, Denver, Colo.) † I 67.2: So 8/7/app.D
- Water pollution control research series.
- 13353 150-80-EPL 04/70. Spreading and movement of oil spills [with list of references]; by Henry G. Schwartzberg. Mar. 1970. vi+103 p. il. 4° [Contract WP 01342-01A.] † I 67.13/4: 150-80-EPL 04/70
- 13354 11020 FAL 03/71. Evaluation of storm standby tanks, Columbus, Ohio; by Dodson, Kinney and Lindblom, Columbus, Ohio. Mar. 1971. xi+126+[1] p. il. 4° \* Paper, \$1.50. ● Item 473-A-1 EP 2.10: 11020 FAL 03/71
- 13355 11022 EFF 01/71. Prevention and correction of excessive infiltration and inflow into sewer systems, manual of practice; by American Public Works Association. Jan. 1971. vi+131+[3] p. il. 4° [Contract 14-12-550.] \* Paper, \$1.25 (S/N 5501-0053). ● Item 473-A-1 EP 2.10: 11022 EFF 01/71  
L.C. card 71-613649
- 13356 11023 DZF 06/70. Ultrasonic filtration of combined sewer overflows; by American Process Equipment Corporation, Hawthorne, Calif. June 1970 [published 1971.] vi+49+[3] p. il. 4° [Contract 14-12-196.] \* Paper, 60c. (S/N 5501-0071). ● Item 473-A-1 EP 2.10: 11023 DZF 06/70
- 13357 12010 DUL 02/71. Limestone treatment of rinse waters from hydrochloric acid pickling of steel [with list of references]; by Armco Steel Corporation, Middletown, Ohio. Feb. 1971. [2]+vii+48 p. il. 4° \* Paper, \$1.50. ● Item 473-A-1 EP 2.10: 12010 DUL 02/71
- 13358 12050 EKT 03/71. Fluid bed incineration of petroleum refinery wastes [with list of references]; by American Oil Company, Mandan Refinery, Mandan, N.D. Mar. 1971. xiv+113 p. il. 4° [Grant WPRD 215-01-68.] \* Paper, \$1.50 (S/N 5501-0052). ● Item 473-A-1 EP 2.10: 12050 EKT 03/71
- 13359 12060 --- 10/70. Treatment of citrus processing wastes [with list of references]; by Coca-Cola Company Foods Division, Orlando, Fla. Oct. 1970. [published 1971.] [231] p. il. 4° [WPRD 38-01-67.] \* Paper, \$2.75. ● Item 473-A-1 EP 2.10: 12060 --- 10/70  
L.C. card 78-613569

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 13360 15080 DJM 07/70. Recovery of oil spills using vortex assisted airlift system [with bibliography; by P. C. Walkup, J. D. Smith, E. R. Simonson]. July 1970. [7]+18+[21] p. ll. 4° [Pacific Northwest Laboratories, Battelle Memorial Institute, Richland, Wash.: Project 15080DJM; Contract 14-12-513.] \* Paper, 50c. ● Item 473-A-1 EP 2.10: 15080 DJM 07/70
- 13361 16020 DHV 07/70. Aquatic plant chemistry, its application to water pollution control [with list of references]; by Robert T. LaLonde. July 1970. [7]+40 p. ll. 4° \* Paper, \$3.00 (PB 192810). I 67.13/4: 16020 DHV 07/70
- 13362 16110 DTF 02/71. Economics of water supply and quality [with list of references] by Harvard Water Program, Harvard University, Cambridge, Mass. Feb. 1971. [5]+37+[1] p. 4° (Project 16110 DTF, formerly WP-00919.) \* Paper, 50c. (S/N 5501-0070). ● Item 473-A-1 L.C. card 71-613760 EP 2.10: 16110 DTF 02/71
- 13363 17020 DNQ 09/69. Study of powdered carbons for waste water treatment & methods for their application [with list of references]; by West Virginia Pulp and Paper Co., Covington, W. Va. [4]+34 p. ll. 4° [Contract 14-12-75]. I 67.13/4: 17020 DNQ 09/69
- 13364 17020 DUE 09/70. Light-catalyzed chlorine oxidation for treatment of wastewater [with list of references; by Alfred F. Meiners]. Sept. 1970. x+105+[1] p. ll. 4° [By Midwest Research Institute, Kansas City, Mo.; Contract 14-12-531.] \* Paper, \$1.00 (S/N 5501-0076). ● Item 473-A-1 EP 2.10: 17020 DUE 09/70
- 13365 17020 EFA 10/70. New and ultrathin membranes for municipal wastewater treatment by reverse osmosis [with list of references; by L. T. Rozelle and others]. Oct. 1970. [77] p. ll. 4° [Submitted by North Star Research and Development Institute, Minneapolis, Minn.; Contract 14-12-587.] \* Paper, 70c. (S/N 5501-0073). ● Item 473-A-1 EP 2.10: 17020 EFA 10/70
- 13366 18050 DWC 12/70. Effect of inorganic sediment on stream biota [with list of references]; by James R. Gammon. Dec. 1970 [2]+vi+141+[3] p. ll. 4° [Grant 18050 DWC.] \* Paper, \$1.25. ● Item 473-A-1 L.C. card 71-613744 EP 2.10: 18050 DWC 12/70
- 13367 18050 EBK 02/71. Response of teleost fish to environmental stress [with list of references]; by L. S. Smith [and others]. Feb. 1971. xvii+114+[3] p. ll. 4° [Grant 18050 EBK.] \* Paper, \$1.25. ● Item 473-A-1 EP 2.10: 18050 EBK 02/71

# WHITE HOUSE CONFERENCE ON AGING

- 13368 Education: Background, [by] Howard Y. McClusky; Issues, [by] Technical Committee on Education. Feb. 1971. v+31 p. \* Paper, 45c. (S/N 5247-0012). ● Item 1088 Y 3.W 58/4: 2 Ed 8/2
- 13369 Government and non-government organization: Background, [by] W. Fred Cottrell; Issues, [by] Technical Committee for Government and Non-Government Organization. Feb. 1971. [5]+36 p. 4° \* Paper, 50c. (S/N 5247-0016). L.C. card 71-613586 Y 3.W 58/4: 2 G 74
- 13370 Retirement: Background, [with bibliography; by] James H. Schulz; Issues, [by] Technical Committee for Employment and Retirement. Feb. 1971. [5]+51 p. ll. 4° \* Paper, 65c. (S/N 5247-0014). Y 3.W 58/4: 2 R 31
- 13371 Retirement roles and activities: Background [with bibliography, by] Gordon F. Streib; Issues, [by] Technical Committee on Retirement Roles and Activities. Feb. 1971. [5]+33 p. \* Paper, 45c. (S/N 5247-0013). ● Item 1088 Y 3.W 58/4: 2 R 31/2

## WOMEN'S BUREAU, Labor Dept. Washington, DC 20210

### Bulletin.

- 13372 296. Day care services, industry's involvement. v+33 p. ll. \* Paper, 25c. ● Item 781 L 13.3: 296
- 13373 Changing patterns of women's lives. 1970. [2] p. oblong 8° folded into narrow 8° size. \* Paper, 5c. ● Item 782 L 13.2: W 84/43/970

♦For Sale by National Technical Information Service,  
Springfield, VA 22151

♦Sent to depository Libraries

# GOVERNMENT PUBLICATIONS

- 13374 Expanding opportunities for girls, their special counseling needs. [Revised 1971.] [1971.] 4 p. 4" \* Paper, 10c. (S/N 2902-0045). ● Item 782  
L 36. 102 : G 44

## YOUTH DEVELOPMENT AND DELINQUENCY PREVENTION ADMINISTRATION, Health, Education, and Welfare Dept. Washington, DC 20201

- 13375 Delinquency today, guide for community action; by John M. Martin. [Rev. 1971.] [1971.] 23 p. il. narrow 8" ([SRS-JD-3.]) [Includes list of additional readings.] \* Paper, 20c. ● Item 532-C-3 HE 17.808 : D 37
- 13376 Study of practice theory in probation/parole; [by] Herman Piven [and] Abraham Alencas. 1971. [1]+95 p. 4" ([SRS-JD-190/1971.]) [Submitted under contract SRS-70-24.] † ● Item 532-C-2  
L.C. card 73-613861 HE 17.802 : P 94

\*For Sale by Superintendent of Documents  
†Distribution Made by Issuing Office  
‡Official Use. Not Available

# Index

## MONTHLY CATALOG AUGUST 1971

NOTE:—Entries appear in this Index under subjects or titles. Bulletins, circulars, etc., having no specific subjects are entered under the issuing office only. Index citations are to entry numbers in the catalog.

### A

A.E.C., *see* Atomic Energy Commission.  
AADC (advanced avionics digital computer system), *see* Electronic data processing systems.  
Abaca, disposal from national stockpile, report, 12408  
Abernethy, Roy F., small-scale test for free-swellling index of coal, 12951  
Ablation:  
thermal response of high-density phenolic-nylon on spacecraft launched by Pace-maker vehicle system, analysis, 13013  
transient response of ablating axisymmetric bodies including effects of shape change, numerical analysis, 13003  
Abstracts, *see* subjects.  
Acceleration, F-104G airplane, flight-determined acceleration and climb performance, for use in optimum-flight-path computer program, 13034  
Accidents, *see* Aircraft accidents—Mine accidents—Motor vehicle accidents—Safety of life.  
Accounts, certified public, regulations governing practice before Internal Revenue Service, 13312  
Accounting, *see* Accounts and accounting.  
Accounts and accounting:  
accounting and reporting procedures manual for Project Prime under resource management system, Army pamphlet, 11937  
accounting procedure for District of Columbia, hearing, 12296  
accounting system for transfer station operations, 13252  
District of Columbia Government, adjustments between appropriations, procedure, report, 12203  
Acoustics, *see* Noise—Sound.  
Acquisition management, statement of work preparation guide, 11910  
Acreage allotments, *see* names of products.  
Activation analysis, *see* Radioactivation analysis.  
Active names of Bureau projects and major structures, 13215  
Acts of Congress, *see* Law.  
ADC, *see* Air Defense Command.  
Addresses, lectures, etc.:  
by—  
Bentley, Helen D., 12645-646  
Brimmer, Andrew F., 12663  
Burns, Arthur F., 12668-669, 12671-672  
Connally, John B., 13319, 13321  
Fagan, Charles A., 3d, 12554  
Fiedler, Edgar R., 12091  
Gibson, A. E., 12930-931  
Hodgson, J. B., 12884-886  
Lynn, James T., 12088-89  
McLellan, Robert, 12086-87  
Maisei, Sherman J., 12658, 12664  
Marland, S. P., Jr., 12562  
Morton, Rogers C. B., 12796  
Passer, Harold C., 12090, 12092

### Addresses, lectures, etc.—Continued by—continued

Reed, John H., 13158  
Richardson, Jack H., 13332  
Robertson, J. L., 12666  
Rossides, Eugene T., 13310, 13322  
Schuyler, William E., Jr., 13187-188  
Stans, Maurice H., 12082-83, 12097  
Timm, Robert D., 12050  
Volcker, Paul A., 13317, 13323  
Wakelin, James H., Jr., 12098  
Walker, Charles E., 13318, 13320  
Washburn, C. Langborne, 13330-331  
Weidenbaum, Murray L., 13316  
MA SP series, 12930-931  
SP series, 12645-646  
Administration's action program to combat theft of international cargo (remarks), 13310  
Administrative Conference of the United States, appropriations, 1972, report, 12218  
Administrative management:  
community mental health centers program, improvements needed in management, Health Services and Mental Health Administration, GAO report, 12725  
contract data and reports, list, change, 11909  
Federal executive manpower management, improve, proposal, recommendations of the President, 13219  
freight loss and damage, exploratory study of economic, administrative, and legal factors, 13308  
higher education administration, research reports, bibliography, 12573  
management development program for organizational improvement, 12063  
management, literature survey, bibliography, 12998  
manpower management improved in Federal Government, examples, report, 12159  
model cities management series, bulletin, 12783  
New Florence, case study for 1970 censuses of population and housing, administrative requirements and mapping, 12035  
Administrative Office of United States Courts, annual report, 11855  
Administrators, pay, New York State, 12914  
Adoptive parents, *see* Parents.  
Adsorption:  
and drag reduction of polymer solutions, study, 13178  
prescaling deposition of scale forming compounds on controlled surfaces, tracer study, 12798  
Advertising, paid broadcasts for Government, Federal, State, and local, expenditure of public funds, expressing sense of Congress, hearings, 12304  
*see also* names of subjects advertised.  
Advisory Commission on Intergovernmental Relations, appropriations, 1972, report, 12218

# INDEX

- Advisory committees, Food and Drug Administration, public advisory committees, authority, structure, functions, members, 12683
  - AEC, see Atomic Energy Commission.
  - Aeration systems, distribution of grain fumigants in silotype elevator tanks, 11883
  - Aerodynamics:
    - near flow field for tube vehicles, experimental investigation, 12652
    - rough spherical balloon wind sensors, properties, 13029
    - transient response of ablating axisymmetric bodies including effects of shape change, numerical analysis, 13003
    - see also Air speed—Boundary layer—Flight—Flow—Lift (aerodynamics)—Vortex motion.
  - Aeroelasticity, high amplitude panel flutter, experimental investigation, 12970
  - Aerometric data, SAROAD (storage and retrieval of aerometric data), users manual, 11918
  - Aeronautical engineering:
    - special bibliography with indexes, 12997
    - supplement, 12996
  - Aeronautical instruments, instrumentation requirements for flight reentry heating experiment at interplanetary return velocity, 13007
  - Aeronautics:
    - aeronautical telecommunications, in Southeast Asia, 13302
    - airman's information manual, 12615
    - civil aviation, historical study of benefits derived from application of technical advances—
      - appendices, 13306
      - summary report and detailed case studies, 13305
    - civil aviation, institutional factors, contractor report, 13304
    - holography and its application, USSR study, 12851
    - see also Aeronautical engineering—Flight.
  - Aerospace environment, see Environment.
  - Aerospace industries, analysis of U.S. aerospace and air transport industries, 13303
  - AFDC, see Families—Public welfare.
  - Africa:
    - Central and East, study mission, 12334
    - print as Senate document, report, 12416
  - Afterbodies, convective heat-transfer rates on blunted 110° cone with hemispherical afterbody at hypersonic speeds, 13037
  - Aged, Older Americans act, investigation of appropriations, programs, etc., hearings, 12287
  - see also Aging.
  - Agents, enrolled, regulations governing practice before Internal Revenue Service, 13312
  - Aging:
    - economics, towards a full share in abundance, print additional copies, report, 12169
    - White House Conference on Aging, background and issues—
      - education, 13368
      - Government and non-Government organization, 13369
      - retirement, 13370
      - retirement roles and activities, 13371
    - see also Aged.
  - Aging Administration, evaluation of performance, hearings, 12441
  - Aging, Special Committee on, Senate, hearings, 12441
  - Aging, White House Conference on, see White House Conference on Aging.
  - Agricultural adjustment act, see Agriculture.
  - Agricultural commodities, see Agricultural products.
  - Agricultural credit, Farm credit act of 1971, hearings, 12444
  - Agricultural engineering, conservation practices, engineering field manual, notice, 13244
  - Agricultural products:
    - agricultural commodities, agreement with Philippines, 13200
    - Agricultural marketing agreement act of 1937, amend, hearings, 12265
    - farm food products, firms, marketing, taxes paid, 12557
    - food and agricultural export directory, 12609
    - foreign trade, 1970 calendar year, statistical report, 12561
    - marketing research reports, 11881-885
    - prices, 1970, annual summary, 13203
  - Agricultural Research Service:
    - ARS series, 11862-863
    - precipitation facilities and related studies, 11862
  - Agricultural Stabilization and Conservation Service, annual report, Colorado, 11867
  - Agricultural statistics, see Agriculture.
  - Agricultural trade development and assistance act of 1954, amend, law, 12128
  - Agriculture:
    - Agricultural adjustment act, amend, law, 12115
    - agricultural economic reports, 12557-560
    - agricultural statistics, Washington, 1970, annual crop report, 13286
    - agricultural surveys and censuses, statistical training programs by Census Bureau, 12039
    - agriculture handbooks, 11869-872
    - Big Muddy River, comprehensive basin study, 12576
    - fertilizer marketing in changing agriculture, conference proceedings, 13301
    - Foreign Agricultural Service, miscellaneous, FAS-M series, 12688-690
    - foreign trade, U.S., calendar year 1970, statistical report, 12561
  - Agriculture and Forestry Committee, Senate:
    - hearings, 12442-444
    - report, 12413
  - Agriculture Committee, House:
    - hearings, 12264-265
    - reports, 12174, 12186, 12253
  - Agriculture Department:
    - appropriations, 1972—
      - hearings, 12266
      - report, 12217
    - urgent—
      - law, 12124
      - report, 12433
  - free or reduced-price meals to needy children, provide funds and authorities, amend act—
    - law, 12122
    - reports, 12222, 12386, 12426
  - leaflet, 11880
  - marketing research reports, 11881-885
  - miscellaneous publications, 11886-890
  - PA [program aid] series, 11891-894
  - statistical bulletins, 11895-902
  - technical bulletins, 11903
- Air, see Air pollution—Atmosphere.
- Air carriers:
  - airlines and the FBI, 12626
  - analysis of U.S. aerospace and air transport industries, 13303
  - chartered aircraft services, investigation, report, 13309
  - commuter air carrier operators as of Sept. 1970, statistics, 12616
  - making service to smaller communities economically viable (address), 12050
  - servicing airports with bridges and tunnels, design standards, 11923
- Air conditioning, 11 ways to reduce energy consumption and increase comfort in household cooling, 13067
- Air Corps, see Armed Forces.
- Air Defense Command, ADC and NORAD Commanders, general information, 12839
- Air Force:
  - contractor data management, 11911
  - enlisted personnel, airman classification manual, change, 11904



**Air Force—Continued**  
 retention, officers and airmen, bibliography, 11912

**Air Force Department:**  
 Air Force manuals, 11904-908  
 civil engineering programming, standard facility requirements, Air Force manual, 11907

**Air Force Industrial Fund, airlift service, manual, 11908**

**Air Force installations, see Installations (military)**

**Air Force Systems Command:**  
 manual, 11909  
 pamphlet, 11910  
 regulations, 11911

**Air inlets (aircraft):**  
 large-scale 2-dimensional, mixed-compression inlet system, experimental investigation of performance at supersonic conditions, 13033

**Air mail, 15-cent international postal card (poster), 13327**

**Air navigation, traffic handling capacity of VORTAC system and means of increasing it in the future, 13289**

**Air pollution:**  
 air quality surveillance networks, guidelines, 11917  
 emission source aspects, electric power production, bibliography with abstracts, 11916  
 episodes in medium-sized urban areas, guide for control, 11914  
 episodes in small urban areas, guide for control, 11915  
 national air pollution potential forecast program, 13122  
 photochemical oxidants, bibliography, 11913  
 progress in prevention and control, Environmental Protection Agency report, 12332  
 SAROAD (storage and retrieval of aerometric data), users manual, 11918

**Air Pollution Control Office, publications, AP series, 11913**

**Air Programs Office:**  
 publications—  
 AP series, 11914-917  
 APTD series, 11918

**Air routes, see Airways.**

**Air speed:**  
 convective heat-transfer rates on blunted 110° cone with hemispherical afterbody at hypersonic speeds, 13037  
 performance at supersonic conditions of large-scale, 2-dimensional mixed-compression inlet system, experimental investigation, 13033

**Air traffic:**  
 control, simulation of radar beacon code assignment plan, report, 13069  
 traffic handling capacity of VORTAC system and means of increasing it in the future, 13289

**Air transportation, see Air carriers—Transportation.**

**Air University Library, special bibliography series, 11912**

**Airborne operations, meteor observations at high latitudes, 13016**

**Aircraft:**  
 airborne infrared temperature profile radiometer measurements over partly cloudy areas, calculation of clear-column radiances, 13128  
 aircraft and vehicular steering, axle, wheel, and tract components, Federal item identification guide, 12498  
 aircraft environment, Federal policy and planning, 12618  
 certificates of airworthiness for export, agreement with Canada, 13275  
 chartered aircraft services, investigation, report, 13309

**Aircraft—Continued**  
 jet engine noise data from subsonic aircraft, 12621  
 maintenance, servicing, and ground handling under extreme environmental conditions, 11944  
 minimum needs for airport fire fighting and rescue services, 11924  
 slotted test-section walls to reduce wall interference for high-lift model testing, experimental investigation, 13012  
 SST operation, effects on stratosphere, 13130  
 supersonic jet exhaust flow, analytical properties of noise generating mechanisms, 12979  
 supersonic transports, tentative airworthiness standards, 12679

**Aircraft accidents:**  
 accident and nonaccident airmen from active airman population, comparison of status variables, 11959  
 civil, fatigue failure of metal components as factor, 13159  
 collision geometry formulae and application to collision warning techniques, 11929  
 physician pilot-in-command flight accidents, 11960  
 reports, 13157

**Aircraft engines, see Engines (aircraft).**

**Airfields, see Aviation fields—Pavements.**

**Airlift, see Transportation.**

**Airlift service, Air Force Industrial Fund, Air Force manual, 11908**

**Airlines, see Air carriers.**

**Airmen:**  
 accident and nonaccident airmen from active airman population, comparison of status variables, 11959  
 airman's information manual, 12615  
 enlisted personnel, airman classification manual, Air Force manual, change, 11904

**Airways, instrument flight rules, off-airway routes, 11919**

**Airplane accidents, see Aircraft accidents.**

**Airplanes, SST operation, effects on stratosphere, 13130**

**Airports:**  
 air carriers serviced with bridges and tunnels on airport, design standards, 11923  
 minimum needs for fire fighting and rescue services, 11924  
 noise, community reaction, 12962  
 see also Pavements.

**Airports Service, report AS series, 11924**

**Airways:**  
 inspecting, 12619  
 systems maintenance program evaluation conducted in Alaskan region, report, 12623

**Airworthiness, see Aircraft.**

**Akron, Ohio, floods on Cuyahoga River to Summit-Portage County line, 12590**

**Alaska:**  
 census of housing 1970, general housing characteristics, 11965  
 geology of waterpower sites (series), 12745  
 interior, Caribou-Poker Creeks research watershed, background and current status, 12579  
 native land claims, settle, hearings, 12460  
 southeastern, geologic reconnaissance of proposed power site at Lake Grace, Revillagigedo Island, 12745  
 systems maintenance of commissioned airways, program evaluation conducted, report, 12623

**Alaska Native Commission, establish, hearings, 12460**

**Alaska Native Development Corporation, establish, hearings, 12460**

**Alaska Native Foundation, create, hearings, 12460**

**Alaska Native National Corporation, establish, hearings, 12460**

# INDEX

- Alaska Native Services and Development Corporation, establish, hearings, 12460
- Alaska Native Urban Corporation, establish, hearings, 12460
- Alaska Native Village Corporation, establish, hearings, 12460
- Albany County, Wyo., Boxelder Creek watershed work plan, 13251
- Alcohol, Alcohol abuse and alcoholism prevention, treatment, and rehabilitation act of 1970, implement, hearing, 12469
- Alcoholism:
  - Alcohol abuse and alcoholism prevention, treatment, and rehabilitation act of 1970, implement, hearing, 12469
  - National Institute on Alcohol Abuse and Alcoholism, general information, 13101
- Alexander, L. G., performance characteristics of advanced evaporator tubes for long-tube vertical evaporators, 12801
- Algorithms, see Mathematics.
- Althouse, John C., potential of satellite microwave sensing for hydrology and oceanography measurements, 13127
- Alkalies, metal systems, refractory metal valves for 1900°F service, 12973
- Alloys, cyclic oxidation resistance of clad IN-100 at 1040° and 1090° C: time, cycle frequency, and clad thickness effects, 13010
- Allowances, see Pay, allowances, etc.
- Alumina, aluminum oxide, elimination of duty, report, 12181
- Aluminum, see names of articles manufactured from aluminum.
- Aluminum hydroxide, elimination of duty, report, 12181
- Aluminum oxide, see Alumina.
- AM series, 11959-960
- Amantadine, influenza prophylaxis with amantadine and interferon, USSR study, 12871
- Amedee Army Airfield, Herlong, Calif., pavement surface cracking, investigation, 12603
- America, see United States.
- American Battle Monuments Commission:
  - appropriations, 1972—
    - hearings, 12268
  - report, 12220
- American Printing House for the Blind, appropriations, 1972, report, 12373
- American Revolution Bicentennial Commission:
  - appropriations, 1971, amendment—
    - law, 12123
  - report, 12201
- American Shipbuilding Commission:
  - appropriations, 1972—
    - hearings, 12268
  - report, 12220
- Amides, poly(amide-imide), polyimide, and pyrrone polymers friction and wear at 260° C (500°F) in dry air, 13020
- Amosite asbestos, see Asbestos.
- Amplifiers, magnetic, and saturable reactors, Federal item identification guide, 12530
- Analysis, see Error analysis—also subjects analyzed.
- Analytical properties of noise generating mechanisms in supersonic jet exhaust flow, 12979
- Analytical Reference Service, report, 13340
- Ancient Bristlecone Pines Forest, Inyo National Forest, guide, 12700
- Anderson, Gary S., hydrologic data of Kenai-Soldotna area, 12752
- Anderson, James K., buckling tests of 2 integrally stiffened cylinders subjected to bending, 13009
- Anemia, equine infectious anemia, progress report, 1969 fiscal year, 11863
- Anisotropy, anisotropic ionosphere, wave hop propagation program, 12099
- Annuities:
  - District of Columbia teachers, tax-sheltered annuity contracts, agreement to purchase, report, 11252
- Annuities—Continued
  - Railroad retirement act of 1937, increase benefits—
    - law, 12131
  - report, 12412
  - see also Civil service pensions.
- Anthropology, anthropological papers, 13134
- Antiballistic missiles, see Missiles.
- Antimony, disposal from national and supplemental stockpiles, report, 12401
- AoA, see Aging Administration.
- AP series, 11913-917
- Apollo project, see Project Apollo (man-in-space program).
- Apostolakis, Nicholas D., relief, 12150
- Appalachian region, development act, amend, reports, 12178, 12366
- Appalachian Regional Commission, Federal Cochairman, nomination of Donald W. Whitehead, hearing, 12474
- Appeals, appellate procedure, Federal rules, proposed amendments, 11860
- Appellate proceedings, see Appeals.
- Apples:
  - market diseases, 11871
  - modified-atmosphere storage of apples, variables affecting film permeability, requirements, 11903
- Appropriations:
  - general Government matters, 1972, continue, reports, 12225, 12432, 12435
  - legislative, 1972, reports, 12177, 12238, 12419
  - statements, 91st Congress, 2d session, 12330
  - supplemental, 1971, law, 12116
  - see also subjects, or names of departments, etc. for which appropriations are made.
- Appropriations Committee, House:
  - hearings, 12266-270
  - reports, 12177, 12217-218, 12220, 12225, 12227, 12230, 12259
- Appropriations Committee, Senate, reports, 12373, 12419, 12432, 12433, 12435
- APT (automatically programmed tooling), see Tooling.
- APTD series, 11918
- Aquatic life, aquatic organisms and their environment, floating laboratory for study, 13112
- Aquatic plants, aquatic plant chemistry and its application to water pollution control, 13361
- Aqueous solutions, ion mobility, investigation, 12800
- Archeology, middle Missouri, introduction, 13134
- Arches National Park, establish, report, 12380
- Architect of Capitol, appropriations, 1972, legislative, reports, 12177, 12238, 12419
- Architects, Veterans Administration careers, 13334
- Architecture:
  - design prospectus for Fairbanks District Office, site survey and layout, 12917
  - safety rest area development, 12637
- Arctic regions, oil spills in Arctic, study of behavior, 12080
- Area handbooks:
  - Cyprus, 11938
  - Ethiopia, 11939
  - Ceylon, 11940
- Area wage survey, see Wages.
- Arendt, P. R., ionospheric effects, possible from internal gravity waves, upon total electron content during solar eclipse of Mar. 7, 1970, 11927
- Argon, discharge calculations, consideration of simple model atoms, 13031
- Arizona:
  - census of housing 1970, general housing characteristics, 11966
  - five-spined ips, 12696
  - rehabilitation facilities national directory, 13227

Arkansas, census of population, 1970, number of inhabitants, 11979

Armed Forces:

- duty-free entry of gifts from servicemen in combat zones, report, 12104
- judge advocates and law specialist officers, procurement and retention, amend U.S. Code, hearing, 12273
- Marine troop leaders guide, 12923
- members, erroneous payments of pay or allowances, waiver of claims, report, 12162
- pilot rating requirements, modify, report, 12173
- Servicemen's, veterans, and ex-servicemen's drug treatment and rehabilitation act of 1971, report, 12242

Armed Services Committee, House:

- hearings, 12272-275
- reports, 12173, 12239

Armed Services Committee, Senate:

- committee print, 12446
- hearings, 12445
- reports, 12387-411

Armed services papers, 12272-276

Armored Force, armor, U.S. Army, general information, 11925

Arms, *see* Firearms.

Arms Controls and Disarmament Agency:

- appropriations, 1972—
- hearings,
- report, 12220

Army:

- armor, general information, 11925
- engineers reference and logistical data, 11933
- mathematicians, 16th conference transactions, 11931
- major equipment needs, determining, problems and suggestions for improvements, GAO report, 12727
- military police support, 11934
- research and development purchases, experimental input price indexes, 1961-65 fiscal years, 13149
- see also* Armed Forces.

Army Air Mobility Research and Development Laboratory:

- technical reports, 11950-952
- list, 11949

Army Department:

- field manuals, 11932-934

Natick Laboratories technical reports, 11936

- pamphlets, 11937-940
- technical manuals, 11942-946

Army Electronics Command, research and development technical reports, 11926-930

Army Library:

- periodicals currently received, checklist, 11957
- special lists, 11857

Army National Guard, *see* National Guard.

Army Research Office, Durham, report, 11931

ARO-D report, 11931

Arons, Gilbert N., diffusion and copolymerization of polyacryle acid in nylon 66 fibers to achieve improved thermal protection and higher moisture regain, 11936

Arrest, Emergency detention act of 1950, repeal, report, 12213

Artificial kidneys:

- program of National Institute of Arthritis and Metabolic Diseases, 4th annual contractors' conference, proceedings, 13091
- research and development program, opportunities for participation, 13092

Asbestos, amosite asbestos, disposal from national and supplemental stockpiles, report, 12411

Ash trays, *see* Trays.

Asia:

- East Asian and Pacific series, 13267
- east and southeast, military assistance training, staff report, 12293
- southeast, aeronautical telecommunications, 13302

Asphalt, and tar roofing and siding products, current industrial reports, 12023

Assets and liabilities, *see* Property.

Assistance, *see* Public welfare.

Astrogeology, contributions to astrogeology (series), 12755

Astronautics:

- holography and its application in cosmonautics, USSR study, 12851
- manned space flight, biomedical research and computer application, report, 12090

Astronomical observatories, orbiting, algorithm with application for Liapunov stability analysis of complex nonlinear systems, 12959

Astronomy, reference earth orbital research and applications investigations, blue book, 13045

*see also* Astrogeology.

Astrophysics, Smithsonian contributions, 13231

Atlantic (SS):

- sale to an alien, hearings, 12312

Atlantic Coast, waterborne commerce, 1960 calendar year, 12600

Atlantic Ocean:

- Northwest Atlantic fisheries act of 1950, amend—
- hearing, 12294
- report, 12226

Atlantic States, regional reports, Middle Atlantic region, 12914

Atlases, congressional district, 92d Congress, errata, 11995

Atmosphere:

- air quality surveillance networks, 11917
- thermal sensing of atmosphere from satellites, 13040
- upper atmosphere geophysics, report UAG series, 12608
- see also* Stratosphere.

Atmospheric entry, imperfection sensitivity of optimum structural designs for Mars entry capsule, 12967

Atmospheric Physics and Chemistry Laboratory, NOAA technical report, ERL-APCL series, 13130.

Atmospheric turbulence, *see* Turbulence.

Atomic energy:

- civilian nuclear power program, AEC authorizing legislation, 1972, hearings, 12132
- nuclear power growth, forecast, 11954
- scientific and technical manpower requirements of selected segments of atomic energy field, 11958

Atomic Energy Commission:

- AEC research and development reports, 11953-956
- appropriations, 1972, authorizing—
- hearings, 12132
- reports, 12244, 12257, 12438

Atomic Energy Joint Committee:

- hearings, 12132
- reports, 12244, 12438

Atomic power, *see* Atomic energy.

Atoms, simple model, consideration for argon discharge calculations, 13031

Attitude (inclination):

- kinesthetic attitude control and simplified manual guidance of light weight vehicles for lunar escape to orbit, fixed-base simulator investigation, 13015

Attitude (psychology), *see* Public opinion.

Attorneys, *see* Lawyers.

Auditing, *see* for audit reports—also names of corporations, etc.

Auroras, USSR articles 13042

Austria, economic trends and their implications for United States, 12822

# INDEX

- Automatic data processing equipment, *see*  
Electronic data processing systems.
- Automatically programmed tooling, *see*  
Tooling.
- Automation, bioelectrical control, man and  
automatic systems, USSR study, 12850
- Automatons, probabilistic automata, USSR  
study, 12875
- Automobile accidents, *see* Motor vehicle  
accidents.
- Automobiles, Government-owned sedans, po-  
tential savings by replacing each year,  
GAO report, 12739
- Aviation, *see* Aeronautics.
- Aviation boatswain's mate, H 1 & C, rate  
training manual, 13166
- Aviation electrician's mate 1 & C, rate train-  
ing manual, 13167
- Aviation engineering, *see* Aeronautical en-  
gineering.
- Aviation fields, airfield pavement require-  
ments for multiple wheel heavy gear loads,  
13287
- Aviation structural mechanics, *see* Me-  
chanics (persons).
- Aviators:  
Army, Navy, Marine Corps, and Air Force  
pilot rating requirements, modify, re-  
port, 12173  
physician pilot-in-command flight acci-  
dents, 11960  
pilot assist system for helicopters, analy-  
sis and design, study, 11952
- Axial flow, *see* Flow.
- Axiometry, *see* Symmetry.
- Axles, aircraft and vehicular steering, axle,  
wheel, and tract components, Federal item  
identification guide, 12498
- B**
- Baber, Hal T., barium releases at altitudes  
between 200 and 1000 kilometers, 12987
- Babies, *see* Infants.
- Bacteria and bacteriology, bacteriological  
pollution from municipal and industrial  
waste discharges on Red River of the  
North, report, 13349
- Baffles (mechanical):  
plane infinite rigid baffle, self and mutual  
acoustic radiation impedances for pis-  
tons, 13173
- Bags:  
cotton, mailing, Federal standard, cancel-  
lation, 12675  
hospital and medical bags, Federal item  
identification guide, 12521
- Bahamas, plant quarantine, import require-  
ments, 11866
- Bailey, William R., wage differences among  
manufacturing establishments, 12912
- Baker, Leonard S., geodetic operations in  
U.S. and in other areas through interna-  
tional cooperation, 13117
- Balance of power, shifting balance of mili-  
tary power, supplemental statement to re-  
port of Blue Ribbon Defense Panel, 12549
- Balloons:  
rough spherical balloon wind sensors, aero-  
dynamic properties, 13029  
three balloon-type enclosures for thermal  
control of satellites, experimental in-  
vestigation, 13004
- Balthasar, Noel C., probability-of-error con-  
siderations for certain M-ary block codes  
with bit-by-bit decisions, 13189
- Baltic Sea, sailing directions, change, 13164
- Baltimore, Md., spill prevention techniques  
for hazardous polluting substances, sur-  
vey and inventory of hazardous chemical  
facilities, 13346
- Banking, *see* Banks and banking.
- Banks and banking:  
bank operating statistics, 1969 compila-  
tion, 12629  
bank rates on business loans, revised se-  
ries, 12657
- Banks and banking—Continued  
banking reforms and corporate customer  
(remarks), 12666  
code of Federal regulations, 12656  
demand deposits, ownership, survey, 12670  
holding companies, regulation, 12665  
industry wage survey, 12906  
recent bank closings, hearing, 12279  
Banking and Currency Committee, House:  
committee print, 12278  
hearings, 12277, 12279-280  
report, 12208
- Banking, Housing, and Urban Affairs Com-  
mittee, Senate:  
investigations and studies, authorization,  
report, 12418  
report, 12363
- Bannock Indians, Shoshone-Bannock Tribes,  
judgment funds, disposition, report, 12371
- Barium, releases at altitudes between 200  
and 1000 kilometers for charting magnetic  
fields, 12987
- Bark:  
chip density, density-gradient technique  
for obtaining, 12705  
Douglas fir, utilization, 12720
- Barker, L. Keith, effects of spanwise vari-  
ation of gust velocity on alleviation sys-  
tem designed for uniform gust velocity  
across span, 13019
- Barrows, Timothy M., use of aerodynamic  
lift for application to high speed ground  
transportation, 12654
- Basins, stilling basin for pipe or channel  
outlets, hydraulic design, 13224
- Bates, Robert, some properties of flashes  
produced by xenon arc flash tube, 12075
- Battery, R.F., study of unconventional  
methods for brine concentration, 12799
- Battles, *see* names of battles or places where  
fought.
- Bauer, Frank C., Detroit, poverty, broad out-  
line, etc., 12915
- Baumgartner, David C., changing market  
for wood materials used in farm struc-  
tures, 12713
- Bauxite, calcined bauxite and bauxite ore,  
elimination of duty, report, 12181
- Beacons, *see* Radar.
- Beans, dry, good choice for thrifty family,  
food value, use recipes, 12686
- Bearings (machinery):  
bolts, fluid passage, Federal item identifi-  
cation guide, 12500  
conical hydrostatic bearing, optimization  
for minimum friction, 13027  
rolling-element fatigue life with fluori-  
nated ether lubricant at cryogenic tem-  
perature of 170 K (305° R), effects of  
contact angle, 13025
- Becoming a citizen series, 12789
- Bed springs, *see* Bedsprings.
- Bedrock, geology of Rhode Island, 12746
- Bedsprings, current industrial reports, 12025
- Beef, good choice for thrifty family, food  
value selection, recipes, 12687
- Beetles, Arizona 5 spined ips, 12696
- Behavior, cybernetics and regulation theory,  
USSR study, 12870
- Behavior and Systems Research Laboratory:  
technical research notes, 11947  
technical research reports, 11948
- Beichley, G. L., hydraulic design of stilling  
basin for pipe or channel outlets, 13224
- Ben Franklin Station, *see* Benjamin Frank-  
lin Station Post Office.
- Benjamin Franklin Station Post Office, pro-  
posed demolition, review, hearing, 12475
- Bennett, John C., experimental study of 1-  
and 2-component low-turbulence confined  
coaxial flows, 12980
- Bentley, Helen D.:  
remarks—  
June 12, 1971, 12645  
July 9, 1971, 12646

- Benzimidazole, *see* Polybenzimidazoles.
- Bergstein, Patricia, *hey*, Georgie, get yourself together, AVCO Day Care Center, Boston, Mass., 12565
- Berkeley, Calif., minority students, equal educational opportunity, hearings, 12451
- Berkowitz, R. L., self and mutual acoustic radiation impedances for pistons in plane infinite rigid baffle, 13173
- Bermuda, background notes, 13261
- Berries, *see* Strawberries.
- Berry, Albert G., Jr., relief, 12345
- Berry, Frederick H., decay not serious in northern red oak, 12708
- Berry, L. A., wave hop propagation program for anisotropic ionosphere, 12099
- Bethune, Mary M., memorial in D.C., National Council of Negro Women to erect, extend time limit authorization, reports, 12232, 12377
- Bibliography:
- activation analysis, 13067
  - aeronautical engineering, 12990-997
  - air pollution aspects of emission sources, electric power production, 11916
  - Air University Library series, 11912
  - kurru, 13102
  - landlord-tenant relationships, selected bibliography, 12777
  - management, literature survey, 12998
  - marketing and low income consumer, 12552
  - motor vehicle and traffic safety, 13056
  - photochemical oxidants and air pollution, 11913
  - relationship between vehicle defects and crashes, 13083
  - retention, officers and airmen, Air University Library, 11912
  - sources of information on American firms for international buyers, 12837
  - time and frequency, NBS literature, 13065
- Big Muddy River and Valley, comprehensive basin study, appendix K, agriculture, 12376
- Bilingualism, *see* Language and languages.
- Bills (congressional):
- armed services hearings on miscellaneous bills, 12274-276
- Binoculars, *see* Field glasses.
- Biological products:
- biologicals, Federal item identification guide, 12499
  - veterinary biologics help fight animal diseases, 11892
  - veterinary care and use, veterinarian's check list, 11893
- Biodynamics, general dynamics of physical-chemical systems in mammals, 12969
- Bioelectricity, bioelectrical control, man and automatic systems, USSR study, 12850
- Biology, program, AEC authorizing legislation, 1972 hearings, 12132
- Biomedicine:
- biomedical research and computer application in manned space flight, report, 12990
  - biomedical sciences, improving institutional and resource development, Division of Research Resources, NIH programs, 13106
- Biota, stream, effect of inorganic sediment on biota, 13366
- Biotelemetry, implantable biotelemetry systems, report, 12991
- Birmingham, Ala., area wage survey, 12904
- Bituminous coal, *see* Coal mines and mining.
- Bituminous mines, *see* Coal mines and mining.
- Black oak, *see* Oak.
- Blair, B. E., time and frequency bibliography of NBS literature published July 1955-Dec. 1970, 13065
- Blanken, Gary E., current estimates from health interview survey, United States, 13073
- Blanton, James, backwater and sedimentation study above Red Bluff Dam, 13216
- Blickensderfer, Robert, new internal oxidation process for strengthening tungsten, 12944
- BLM, *see* Land Management Bureau.
- Blue-collar workers, prevailing rate pay system report, 12258
- Blue crabs, bluing of processed crab meat, identification of some factors involved in blue discoloration of canned crab meat (*Callinectes sapidus*) 13116
- Blue Cross, *see* Health Insurance.
- Blue Ribbon Defense Panel, supplemental statement submitted to President and Secretary of Defense on shifting balance of military power, 12549
- Bluing, processed crab meat, identification of some factors involved in blue discoloration of canned crab meat (*Callinectes sapidus*), 13116
- Board of Trustees of Federal Hospital Insurance Trust Fund, annual report, 12138
- Boating, State safety programs, encourage, reports, 12243, 12254
- Boats, Federal boat safety act of 1971, reports, 12243, 12254
- see also* Ships.
- Boatswain, *see* Aviation boatswain's mate.
- Bodies (aerodynamics), *see* Aerodynamics.
- Bohl, Wayne H., Kalif pheasants, 13257
- Boiling, boiling of meta, natural convection of heat transfer, 13039
- Boise City, Idaho, census of housing 1970, block statistics, 11963
- Bolts and nuts, bolt fluid passage, Federal item identification guide, 12500
- Bombing (aerial):
- bombing operations in northern Laos, directing Secretary of State to furnish to House certain information, adverse reports, 12246, 12249
- Bonding, Federal employee requirements for civilians and military personnel, repeal, 12316
- Bonding of materials, shipboard, grounding and other techniques for electromagnetic compatibility and safety, military standard, 12545
- Bonito Manuela C., relief, 12353
- Bonneville Power Administration, annual report, 11961
- Booms, oil retention boom hydrodynamics, studies, final report, 12076
- Boots and shoes, women's leather shoes, workers of Lown-Salvage Shoe Corp., Auburn, Maine, Tariff Commission report, 13300
- Borbridge, John, Jr., relief, 12349
- Border patrol agents, *see* Immigration inspectors.
- Bowcarino, V. Richard, television-type image sensors, astronomical use, symposium proceedings, 12986
- Boston, Mass., AVCO Day Care Center, study in child care, 12565
- Botanic Gardens, appropriation, 1972, legislative, reports, 12177, 12419
- Boundaries:
- international boundary study, 13271
  - studies, Iraq-Saudi Arabia, 13271
- Boundary layer:
- in-flight use of traversing boundary-layer probes, 13036
  - turbulent, real gas turbulent boundary layers with variable edge entropy, integral method for calculation, 13001
  - wind profiles in, remote sensing, 13123
- Bourgeois, John E., relief, 12347
- Boxelder Creek, watershed work plan, Larimer & Weld Counties, Colo., Albany & Laramie Counties, Wyo., 13251
- Boy Scouts of America, annual report, 12137
- Brazos River and Valley, Green Creek, Tex., 1969, annual compilation and analysis of hydrologic data of basin, 12743



# Breakfasts:

- school breakfast program for children, extend, hearing, 12442
- school, menu planning guide, 12685
- Bredin-Archbold-Smithsonian biological survey of Dominica, Dermaptera, 13232
- Bremstrahlung radiation, electron and Bremstrahlung penetration and dose calculation, 13032
- Brewster County, Tex., Sanderson Canyon watershed work plan, 12473
- BRH, *see* Radiological Health Bureau.
- Bridges and tunnels on airports serviced by air carriers, design standards, 11923
- Brimmer, Andrew F., remarks, July 6, 1971, 12663
- Brindle, Alan, Bredin-Archbold-Smithsonian biological survey of Dominica, Dermaptera, 13232
- Brines, unconventional methods for collecting concentrations of brine from desalination, study, 12799
- Broadband noncontacting sliding short, 13072
- Broadcasting, *see* Television.
- Broilers, *see* Chickens.
- Brown, D. N., airfield pavement requirements for multiple wheel heavy gear loads, 13287
- Brunner, S. B., investigation of ion mobility in aqueous solutions, 12800
- Buckley, Donald H., effect of surface films on deformation of zinc single-crystal surface during sliding, 13024
- Buckling, *see* Strains and stresses.
- Budget of United States:
  - estimates submitted by the President, 91st Congress, 2d session, 12330
  - 1972, status scorekeeping report, 12320
- Buffalo, N.Y., area wage survey, 12898
- Builders, hardware, Federal item identification guide, 12519
- Building:
  - construction, health research facilities, remodeling and equipping, message from the President, annual report, 12139
  - design prospectus for Fairbanks District Office, site survey and layout, 12917
  - home construction, protecting shade trees, 11877
  - see also* Construction industry.
- Building trades, union wages and hours, 12910
- Bump, Gardiner, spotted tinamou, 13258
- Buoys, initial cost of buoys, ocean engineering report, 12073
- Bureau of Labor Statistics, *see* Labor Statistics Bureau.
- Burkhardt, Jon E., transportation needs of rural poor, 13211
- Burley tobacco, *see* Tobacco.
- Burlington, Vt., area wage survey, 12901
- Burns, Arthur F.:
  - addresses, etc.—
  - May 28, 1971, 12671-672
  - June 16, 1971, 12668
  - June 30, 1971, 12669
- Burns, Cecil D., expedient surfacing and drainage of roads, streets, and parking and storage areas in theater of operations, 12601
- Burns and scalds, experimental burns, USSR studies, 12878
- Burras, *see* Donkeys.
- Bus at Eagle River, 11895
- Buses, *see* Motorbuses.
- Bush, Joseph C., industry wage survey, structural clay products, 12905
- Business:
  - American firms, sources of information for international buyers, 12837
  - county business patterns—
  - CRP series, 11998-12021
  - publications order form, 12022
  - doing business with NATO, how U.S. companies can participate, etc., 12551

# Business—Continued

- Government guaranties of loans to business in emergencies, proposal (statement), 12668
  - group long-term disability insurance in private sector, trends and relationship to OASDHI, 13239
  - loans, bank rates, revised series, 12657
  - major enterprises, emergency loan guaranties (statement), 13320
  - oversens business reports, 12093-96
  - small business—
  - drug industry, competitive problems, hearings, 12480
  - impact of crime, hearings, 12481
  - taxes paid by firms marketing farm food products, 12557
  - Buyers, *see* Purchasing agents.
- C
- C.F.S. series, 13113
  - CAB, *see* Civil Aeronautics Board.
  - Cabinet Committee on Opportunities for Spanish-Speaking People:
    - appropriations, authorizing, hearing, 12297
    - extend, report, 12206
  - Cabinets, hardware, Federal item identification guide, 12519
  - Calced bauxite, *see* Bauxite.
  - Calculations, *see* Numerical calculations.
  - Calculators, veterans benefits, print additional copies, report, 12165
  - Calibration, NBS secondary standard magnetic tape (computer amplitude reference) SRM 3200 using reference tape amplitude measurement process A model 2, 13060
  - California:
    - county business patterns, 11998
    - rehabilitation facilities, national directory, 13227
    - solid waste management study and plan, 13253
  - Callinectes sapidus, *see* Blue crabs.
  - Calvert, Glenn S., design and experimental evaluation of high-temperature radial turbine, 11951
  - Camellias, growing, 11876
  - Campaigns (political), *see* Elections.
  - Campgrounds, *see* Camps.
  - Camps, factors influencing campground use in Superior National Forest, Minn., 12712
  - Canada:
    - certificates of airworthiness for export of aircraft, agreement, 13275
    - long range aid to navigation (Loran-A), sale of equipment and construction of station at Gray Point, agreement, 13279
    - pension plans, regulations, 12887-888
    - pit iron, determination of injury to U.S. industry, Tariff Commission report, 13294
  - Canal Zone Government, appropriations, 1972, report, 12259
  - Canning and preserving, *see* names of commodities canned or preserved.
  - Capacitors:
    - and semiconductors—
    - Sprague Electric Company plants at North Adams, Mass., etc., Tariff Commission reports, 13291-292
  - Capital of United States, *see* District of Columbia.
  - Capitol:
    - police—
    - appropriations, 1972, legislative, report, 12238
    - House slide, additional members and overtime pay, authorize, report, 12105
  - Capitol Guide Service, appropriations, 1972, legislative report, 12238
  - Capitol Reef National Park, establish, report, 13279
  - Capsules (spacecraft), *see* Spacecraft.
  - Carbon:
    - oxidation rate at high temperatures, reaction-rate control or transport control, 13017



Carbon—Continued

powdered, waste water treatment use & methods for application, 13363  
Carbon dioxide, vibrational excitation mechanisms of CO<sub>2</sub> at high temperatures, study, 12977

Cardiac pacemakers, see Heart.

Careers, see Civil service—Occupations.

Cargo, see Shipments.

Caribbean Sea, oceanological investigations, USSR study, 12849

Caribou Creek, Caribou-Poker Creeks research watersheds, Interior Alaska, background and current status, 12579

Carnean, Willard H., site index curves for black, white, scarlet, and chestnut oaks in Central States, 12714

Carnations, bud stage, transport and handling, potential advantages, 11881

Carriers, see Motor carriers.

Carroll, William E., relief, 12346

Carthage, Tenn., motor carrier accident, 12956

Casa Angelica Mental Retardation Facility, relief, hearing, 12308

A case for technology, 12089

Cases, hospital, Federal item identification guide, 12521

Caseworkers, see Social workers.

Cashiers, Government regulation relating to cash held at personal risk, including imprest funds, department circular, 13313

Casitas, Lake, general recreation development plan, report, 13141

Casper, Wyo., day care center, more than just baby sitting, study in child care, 12567

Cast iron, pig iron from Canada, Finland, and West Germany, determination of injury to U.S. industry, Tariff Commission report, 13294

Castling, new methods, USSR study, 12876

Castle Clinton National Monument, general information, 13136

Cataloging:

cataloging handbook, H series, 12490  
cataloging manual M (series), 12491  
supply cataloging format, content, and preparation of Federal supply catalog publications, 12491

Catalogs:

copyright entries, 12486  
Federal domestic assistance programs, 1971 edition, 12921  
Federal fire suppression equipment and supplies, special supplement to stock catalog, 12673

interagency training programs, 12059

Cathay, Henry M., growing peonies, 11878

Cathode ray tubes, solid-state flat-panel displays, guidelines, display effectiveness factors, 11928

Cattle, crowding gates for dairy cattle, 11888

Cavanaugh, Ruth G., relief, 12350

Celestite, disposal from national and supplemental stockpiles, report, 12405

Cells, reconstituted cell membranes, study of permeability and transport properties, 12805

Cellulose acetates, membrane properties as related to system configuration, evaluation, 12807

Cement, hydraulic sampling, inspection and testing, Federal test method standard, 12677

Census:

Federal population and mortality census schedules 1790-1890, in National Archives and States, outline of lecture on their availability, content and use, 13055

housing, 1970—

block statistics, 11963-964

microfiche order forms, 13155

general characteristics, 11965-973

manufactures, 1967—

final subject reports, publications order form, 11976

Census—Continued

manufactures, 1967—continued

special reports, 11974

subject statistics, 11975

mineral industries, 1967, industry statistics, 11977

population, 1970—

industries and occupations, alphabetical index, 11978

number of inhabitants, 11979-986

supplementary reports, 11987

population and housing, 1970

data-collection forms and procedures—

microfiche order form, 13156

publications order form, 11994

general demographic trends for metropolitan areas, 11988-993

invaluable help rendered by NAACP (remarks), 12097

Census Bureau, statistical training programs, 12039

Center for Disease Control, malaria surveillance, report, 12045

Central Africa, see Africa.

Central Dakota Nursing Home, land conveyance, report, 12421

Central States:

East North Central open-country poverty

in relatively affluent area, 12559

site index curves, black, white, scarlet

and chestnut oaks, 12714

Cerebral palsy, see Palsy.

Cerebral seizures, see Epilepsy.

Certificates, see types of certificates or subjects involved.

Certified public accountants, see Accountants.

Ceylon, area handbook, 11940

Champaign County, Ill., marijuana control, report, 12309

Change-of-mode parking, state of the art, 12630

Changing patterns of women's lives, 13373

Channels:

open-channel integrating-type flow meter, 12753

stream channelization, effects, etc., hearings, 12298

Chaplains, House, prayers by Edward

Gardiner Latch, 89th, 90th, and 91st Congresses, 12134

Charleston, W. Va., spill prevention techniques for hazardous polluting substances, inventory and survey of hazardous chemical facilities, 13346

Cheatwood, Robert F., relief, 12114, 12341

Checklists, see names of departments, etc., issuing checklists.

Chemical films, see Films (chemical).

Chemical industries, see Chemicals.

Chemical reactions, oxidation of carbon at high temperatures, reaction-rate control or transport control, 13017.

Chemicals:

chemical products, Federal item identification guide, 12501

economy of chemical industry and public attitudes toward business (address), 12085

miscellaneous chemical specialties, Federal item identification guide, 12526

reference handbook, Army field manual, 11932

spill prevention techniques for hazardous item identification guide, 12526

see also Organic compounds.

Chemistry:

chemistry and pharmacology of sleep, USSR study, 12872

information retrieval in field of chemistry, USSR study, 12869

Cherries, western, fresh, new shipping containers, costs, performance and trade acceptance, 11882

Chestnut oak, see Oak.

# INDEX

- Chicago, Burlington, and Quincy RR., accident report, 13162
- Chickens, broiler industry, structure, practice, costs, 11885
- Chief Justice of United States, *see* Supreme Court.
- Child care, *see* Children—Day care of children.
- Child health, *see* Children.
- Child labor:  
bulletin, 13338  
vacation work permits for minors in District of Columbia, facilitate issuance, report, 12195
- Children:  
black children, search for adoptive parents, experience survey, 12048  
child mental health, ad hoc committee report, 13097  
Child nutrition act of 1966, amend—  
hearing, 12442  
report, 12215  
community coordinated child care program, guide and resources, 12047  
family and child welfare services, differential use of staff, 12102  
food service programs under National school lunch act, extend and amend, hearing, 12442  
free or reduced-price meals to the needy, provide funds and authorities, amend act—  
law, 12122  
reports, 12222, 12386, 12426  
handicapped, 4 programs for educational services, 12572  
mental health, National Institute of Mental Health program reports, 13100  
Project Head Start—  
dental services, guide for dental health personnel, 12766  
series, 12766  
school children, transportation in D.C., extend subsidy, hearings, 12282  
screening children for nutritional status, suggestions for child health programs, 12934  
*see also* Day care of children.
- Children's Bureau, folder series, 12049
- Childs, T. W., laminated root rot of Douglas-fir, 12694
- China, Communist, foreign policy of Chinese People's Republic, USSR study, 12860
- Chinchilla, risks in raising chinchillas, 12678
- Chippewa Indians, Pembina Band judgment funds, disposition, report, 12370
- Chlorine, light-catalyzed chlorine oxidation for treatment of wastewater, 13364
- Chromite, chemical grade, disposal from national and supplemental stockpiles, report, 12398
- Chromium, chromium metal, disposal from national and supplemental stockpiles, report, 12397
- Cicadas, periodical cicadas, 17-year locusts, 11880
- Ciereblej, Albert, physician pilot-in-command flight accidents, 11960
- Circuit breakers, *see* Electric circuit breakers.
- Circuits:  
broadband noncontacting sliding short, 13072  
quantum-optical integrated circuits of gallium arsenide, USSR study, 12861
- Citators and index to court-martial reports, 12492
- Cities and towns:  
community reaction to airport noise, 12962  
guide for community action, delinquency today, 13375
- Cities and towns—Continued  
making airline service to smaller communities economically viable (address), 12050  
medium-sized urban areas, control of air pollution episodes, guide, 11914  
model cities  
management series, bulletin, 12783  
program, organization of local groups, 12783  
review of urban goods movement studies, 12633  
small urban areas, control of air pollution episodes, guide, 11015  
transportation and community values, 12625  
urban employment survey, reports, 12915  
urban open space, workshop, 12787  
urban refuse, preliminary separation of metals and nonmetals from, 12953  
urban transportation planning, evaluation, 13307
- Citizens' Advisory Council on Status of Women, task force recommendations, 12794
- Citizens of United States:  
citizens without resources, returned from abroad, assistance program, continue—  
law, 12127  
report, 12175
- Citizenship:  
Federal textbook on citizenship, 12790  
becoming a citizen series, our American way of life, 12789
- Citrus fruit, citrus processing wastes, treatment, 13359
- Civil Aeronautics Board, appropriations, 1972, report, 12259
- Civil aviation, *see* Aeronautics.
- Civil commitment of special categories of offenders, 13099
- Civil defense, *see* Civilian defense.
- Civil Defense Office, leaflets 12052-53
- Civil engineering, civil engineering programming, standard facility requirements, Air Force manual, 11907
- Civil engineers, Veterans Administration careers, 13334
- Civil procedure, civil commitment of special categories of offenders, 13099
- Civil rights:  
act of 1964, amend, report, 12179  
system can work, case study in contract compliance, 12055
- Civil Rights Commission:  
appropriations, 1972—  
hearings, 12268  
report, 12220
- Clearinghouse publications, 12054-55
- Civil service:  
career opportunities, industrial hygienists, 12058  
examination announcements—  
border patrol agent, amendment, 12057  
office assistant and related positions, 12056  
summer job with Forest Service, 12718
- Civil Service Commission:  
appropriations, 1972, report 12218  
Commissioner, nomination of Spain, Jayne B., hearing, 12471  
Federal employee trained in nongovernment facility, reporting requirement, repeal, report, 12250  
Job Evaluation and Pay Review Task Force, interim progress, report, 12320  
pamphlet, 12064
- Civil service pensions:  
retirement annuities, cost of living increases, liberalize, report, 12161  
salary and retirement annuity increases of Federal classified and postal employees, 1945-71, together with current salary schedules, 12322

Civilian defense:  
 appropriations, 1972, report, 12218  
 labor's role in civil preparedness, leaflet, 12053  
 State salary ranges of positions, 12067  
 Civilian employees, *see* Government officials and employees.  
 Civilians:  
 Indochina, war related problems, hearing, 12464  
 Vietnam, war related problems, hearing, 12464  
 Cladding, cyclic oxidation resistance of clad IN-100 at 1040° and 1090° C: time, cycle frequency, and clad thickness effects, 13010  
 Claims:  
 Alaska native claims settlement act, hearings, 12460  
 erroneous payments of pay or allowances to members of Armed Forces and personnel of National Guard, waiver, report, 12162  
 freight loss and damage, exploratory study of economic, administrative, and legal factors, 13308  
 National Guard members, contributory negligence claims, apply local law, report, 12160  
 World War II claims of Trust Territory of Pacific Islands, provide payments, report, 12188  
 Classification:  
 Air Force, enlisted personnel, airman classification manual, change, 11904  
 position classification standard for—  
 electrical engineering series, electronics engineering series, 12065  
 packaging series, 12066  
 Clay, structural clay products, industry wage survey, 12905  
 Cleaning, *see* Dry cleaning.  
 Cleaning compounds, soaps and detergents for home laundering, 11879  
 Clerks, additional clerical assistants for Veterans Affairs Committee, Senate, provide, report, 12417  
 Clifton, K. Stuart, airborne meteor observations at high latitudes, 13016  
 Climate:  
 climatology of United States, climates of States, 12604-7  
 Idaho, 12604  
 Montana, 12605  
 Pennsylvania, 12606  
 Virginia, 12607  
 Climatography, *see* Climate.  
 Clinical Center, National Institutes of Health, nursing clinical conference on internal or external pacemakers, patients nursing care, 13107  
 Cloud seeding, *see* Weather control.  
 Clouds:  
 cumulus cloud activity, one-dimensional quasi-time-dependent numerical model, 11930  
 observation of noctilucent clouds from space, USSR study, 12868  
 partly cloudy areas, calculation of clear-column radiances using airborne infrared temperature profile radiometer measurements, 13128  
 Coal, small-scale test for free-swelling index, 12951  
 Coal mines and mining:  
 bituminous coal mines, transportation accidents, causes and prevention, 12939  
 Federal coal mine health and safety act of 1969, amend, hearings, 12209  
 great potential of coal (remarks), 12796  
 underground bituminous coal mines, computer program, economic evaluations, 12940  
 Coal washing, washability examinations of Wyoming coals, 12945  
 Coast Guard, ocean engineering report, 12073

Coast Guard Academy, New London, 1971/  
 72 counselor's handbook with profile for advising students applying for appointment, 12069  
 Coast Guard Auxiliary, motorboat examination program, courtesy examiners handbook, 12070  
 Coast Guard vessels, *see* Ships.  
 Coastal Engineering Research Center, technical memorandums, 12577  
 Coated surfaces, *see* Surfaces.  
 Coasts, coastline of United States, general information, 13121  
 Coatsworth, James J., studies on clinical efficacy of marketed antiepileptic drugs, 13104  
 Cobalt, sintered tungsten, molybdenum, and cobalt molybdenum impregnated with fluoride eutectic, friction and wear, 13023  
 Code of Federal regulations, index, 12655  
*see also* names of departments, etc., issuing regulations—also subjects.  
 Codes:  
 air traffic control radar beacon code assignment plans, simulation, report, 13069  
 M-ary block codes with bit-by-bit decisions, probability-of-error considerations, 13180  
*see also* Codes of law—also names of departments, etc., issuing codes—also subjects.  
 Codes of law, United States 1970 edition, 12110  
 Coffee, international agreement, 1968 continue, reports, 12183, 12187  
 Cohen, Gerald A., imperfection sensitivity of optimum structural designs for Mars entry capsule, 12967  
 Cohn, Bert M., minimum needs for airport fire fighting and rescue service, 11924  
 Colby, Ohio, railroad accident, report, 13214  
 Cold Regions Research and Engineering Laboratory:  
 research reports, 12578  
 special reports, 12579-590  
 Colgate, D., hydraulic model studies of corrugated-metal pipe underdrain energy dissipators, 13222  
 Collective bargaining, negotiated settlements, how influenced by selected industry characteristics, 12894  
 Colleges and universities:  
 Federal funds for academic science, 13150  
 Federal support, 13153  
 higher education—  
 administration, research, reports, bibliography, 12573  
 opening fall enrollment, preliminary survey, report, 12574  
 Higher education act of 1965, amend—  
 hearings, 12458, 12466  
 report, 12429  
 Collisions, *see* Aircraft accidents—Motor vehicle accidents.  
 Collisions (electronics):  
 collision trajectories, polar gas rotational relaxation, molecular dynamics, 13022  
 Color, railway, highway and airways traffic signal colors, history, permanence, and colorimetric properties, glass limit standards deposited at NBS, 13068  
 Colors, *see* Color.  
 Colorado:  
 census of housing 1970, general housing characteristics, 11967  
 census of population and housing, 1970, general demographic trends for metropolitan areas, 11988  
 State summary of 1971 county ASCS activities, 11867  
 Colorado River and Valley:  
 basin pilot project, cloud seeding research in San Juan Mountains, 13217  
 lower Colorado River-Salton Sea area—  
 salinity of surface water, 12764  
 water resources (series), 12764

# INDEX

- Columbia Broadcasting System, Inc., Frank Stanton, President, network news documentary practices, contempt of Congress, proceeding against, report, 12262
- Columbia River and Valley, Federal Columbia River Power System, Bonneville Power Administration, report, 11961
- Columbium, disposal from national and supplemental stockpiles, report, 12403
- Columbus, Ohio, storm standby tanks, evaluation, 13354
- Combat areas—expedient surfacing and drainage of roads, streets, and parking and storage areas, 12601
- Combustors, annular turbojet combustor, simplex and dual-orifice fuel nozzles with ambient and heated fuel, comparison, 13021
- Commerce:
  - Agricultural trade development and assistance act of 1954, amend, law, 12128
  - European Economic Community and what it means to U.S. international trade (address), 12085
  - failure to recognize vast changes in international trade (remarks), 12646
  - foreign trade—
    - FT reports, 12040-44
    - hearings, 12452
    - statistics, 1971 guide, 12036
  - Japan's trade and investment policies as they relate to U.S. (address), 12086
  - waterborne, 1969 calendar year, 12600
  - world trade and investment issues, hearings, 12452
  - see also Imports.
- Commerce Committee, Senate, hearings, 12447-448
- Commerce Department:
  - appropriations, 1972—
  - hearings, 12268
  - report, 12220
- Commercial products:
  - annual survey of manufacturers, value of shipments by classes of products, 11962
  - exports—
    - schedule B, commodity groupings by world area, annual trade report, 12043
  - SIC-based products, annual trade report, 12044
  - general imports, world area by commodity groupings, annual trade report, 12041
  - imports—
    - schedule A, commodity groupings, by world area, annual trade report, 12040
  - TSUSA commodity by country, consumption and general quantity and value, country, annual report, 12042
  - promotion, employers contributions to jointly administered trust funds, permit, hearing, 12266
  - review of urban goods movement studies, 12633
  - written consumer product warranties against defect or malfunctions, minimum disclosure standards, hearings, 12448
  - see also names of products.
- Commission on American Shipbuilding, see American Shipbuilding Commission.
- Commission on Government Procurement, see Government Procurement Commission.
- Commission on Population Growth and the American Future, see Population Growth and the American Future Commission.
- Committees, see Advisory committees.
- Commodities, see Commercial products—also names of commodities.
- Common carriers, see Motor carriers.
- Communications:
  - act of 1934 amend, hearings, 12307
  - communications/navigation, reference
  - earth orbital research and applications investigations, blue book, 13047
- Communications—Continued
  - systems, digital, probability-of-error considerations for certain M-ary block codes with bit-by-bit decisions, 13180
  - see also Wire communications.
- Communism, ideological struggle in current international relations USSR study, 12842
- Communities, see Cities and towns—see Rural communities.
- Community development programs:
  - Federal domestic assistance programs, 1971 catalog, 12921
  - how local initiative and private groups can create better communities (remarks), 12554
  - rebuilding quality environment through rural environmental assistance program, 11868
  - transportation and community values, good transportation is necessary for better community life, 12625
- Community facilities, community coordinated child care program, guide and resources, 12047
- Community life, see Neighbourhoods.
- Commuter air carriers, see Air carriers.
- Compacting, compaction of radioactive solid waste, 11955
- Compaction, see Compacting.
- Competition, drug industry, competitive problems, hearings, 12480
- Comprehensive health manpower training act of 1971, 12192
- Comprehensive health planning, fact sheet, 12101
- Compressed gases, see Gases.
- Compression, three-dimensional transonic shear flow; computational studies, work in progress, 12974
- Computer programs/programming:
  - computer simulation of human organism internal sphere, 12573
  - CROSEC, Fortran IV-AFT program to give orthographic, section, and definable perspective views of planar-curved surface, 13179
  - data retrieval language to handle generalized data base, DRL, preliminary design, 13071
  - E-2B program workload, used in simulation of AADC system operation, 13183
  - F-104G airplane for use in optimum-flight path, computer program using flight-determined acceleration and climb performance, data, 13034
  - Fortran programs, system pressure loss tables for selection of fan for use with flexible, spiral-reinforced circular ventilation tubing, 12948
  - job bank using computer to bring people and jobs together, 12889
  - NCRETURN computer program for evaluating investments revised to provide additional information, 12704
  - noise exposure forecast contours, digital computer program for computation, 12622
  - self and mutual acoustic radiation impedances for pistons in plane infinite rigid baffle, 13173
  - underground bituminous coal mines, computer program for economic evaluation, 12940
  - see also Computer science.
- Computer science, manipulation errors in computer solution of critical size structural equations, 12965
- Computers, biomedical research and computer application in manned space flight, report, 12990
- see also Computer science—Electronic computers.
- Concentration camps, emergency detention camps, prohibit, report, 12213

- error con-  
block codes  
80
- in current  
udy, 12842  
towns—see
- as:  
programs,  
ate groups  
nties (re-  
nt through  
tance pro-  
values, good  
for better
- coordinated  
resources,
- ods.  
arriers.  
active solid
- competitive
- er training
- fact sheet,
- transonic  
les, work in
- g:  
n organism
- program to  
and defina-  
anar-curved
- ndle general-  
ary design,
- l in simula-  
tion, 13183  
n optimum-  
gram using  
on and climb
- pressure loss  
for use with  
ircular ven-
- bring people
- m for evalu-  
provide ad-
- ours, digital  
computation,
- radiation im-  
lane infinite
- mines, com-  
e evaluation,
- on errors in  
size struc-
- h and com-  
d space flight,
- Electronic
- ey detention  
3
- Concentration ratio in manufacturing, em-  
ployment, payrolls, capital expenditures,  
etc., 11974
- Conditions of stability of satellite gravita-  
tional stabilisation system with gyroscopic  
damping, 12887
- Conduction of heat, *see* Heat transfer.
- Conductivity temperature-depth underwater  
sensor unit, 13133
- Conduits, corrugated metal, hydraulic flow  
resistance factors, errata, 12635
- Cones:  
convective heat-transfer rates on blunted  
110° cone with hemispherical afterbody  
at hypersonic speeds, 13037
- flow patterns and pressure distributions  
around bluff afterbody in wake of 120°  
cone for various separation distances at  
Mach 3.0, 13011
- Confectionery manufacturers' sales and dis-  
tribution, 12550
- Conference committee, reports, 12178, 12222-  
223, 12231, 12238, 12245, 12366, 12426,  
12430
- Conferences, congresses, etc., *see* names of  
conferences—subjects of conferences.
- Configurations, longitudinal stability charac-  
teristics of preliminary configurations for  
Scout D at Mach numbers 0.20 to 4.63,  
13006
- Congress of United States:  
Congress, the President, and war powers,  
current foreign policy, 13269
- congressional record 91st Congress, 2d  
session, bound volumes, 12104-106
- energy issues and 91st Congress, review  
print additional copies, report, 12361
- joint resolution, 12107
- laws—  
private, 12113-114  
public, 12115-131
- Legislative reorganization acts of 1946  
and 1970 relating to operation of Sen-  
ate, 12479
- Congressional district data CDD-series,  
11996-997
- Congressional districts, 92d Congress, atlas,  
errata, 11998
- Congressional record, *see* Congress of United  
States.
- Congressional serial set, 12111-112
- Connally, John B.,  
remarks, etc.—  
May 28, 1971, 13319  
June 2, 1971, 13321
- Connecticut, Connecticut River basin, com-  
prehensive study, supplement, inventory of  
potential upstream reservoir sites, 11873
- Connecticut River and Valley, basin in Ver-  
mont, New Hampshire, Massachusetts,  
Connecticut, supplement, comprehensive  
study, inventory of potential upstream  
reservoir sites, 11873
- Conscription, if you're asked, book about  
Selective Service for those interested in  
what the military draft means, 13230
- Conservation of heating fuels, local housing  
authority management guide, 12782
- Conservation, *see* Soil conservation—also  
subjects.
- Constitution of United States:  
amendment, voting, lower age to 18, joint  
resolution of Congress, 12107
- pocket veto power of the President, im-  
plement art. 1, sec. 7, hearing, 12310
- Construction, *see* Building—Construction in-  
dustry—Earthwork and structures.
- Construction Engineering Research Labora-  
tory, Champaign, Ill., technical manu-  
scripts, 12581
- Construction industry:  
minority construction contractors, sur-  
vey, 12786
- outlook for residential construction (re-  
marks), 12092
- Consultants, Federal labor-management con-  
sultant (periodical), 12062
- Consumer goods, *see* Commercial products.
- Consumer income, *see* Income.
- Consumer and Marketing Service:  
C&MS series, 12482-483
- meat and poultry inspection program,  
publications, 12484
- P&M series, 12455
- Consumers:  
agriculture-environmental and consumer  
protection appropriations, 1972—  
hearings, 12266
- report, 12217
- consumer bulletins, 12678
- Consumer products warranties and im-  
provement act of 1971, hearings, 12448
- marketing and low income consumer, bib-  
liography, 12552
- Consumption (economics):  
materials consumed, 1967 census of manu-  
factures, 11975
- Containerization, intermodal container ser-  
vices offered by U.S. flag operators, 12929
- Containers, new shipping containers for  
fresh western cherries, costs, performance,  
and trade acceptance, 11882
- Continental Shelf, inner geomorphology and  
sediments, Palm Beach to Cape Kennedy,  
Fla., 12577
- Contract data management, 11909
- Contractor report NASA CR (series),  
12958-980
- Contractors:  
annual contractors' conference of artificial  
kidney program of National Institute  
of Arthritis and Metabolic Diseases,  
proceedings, 13091
- data and reports, management list, 11909
- management of contractor data, 11911
- minority construction contractors, survey,  
12786
- Contracts, *see* Government contracts.
- Control systems:  
controls and associated equipment,  
Federal item identification guide, 12503
- method for reducing sensitivity of optimal  
nonlinear systems to parameter un-  
certainty, 13002
- probabilistic automata, USSR study,  
12875
- Controls and associated equipment, Federal  
item identification guide, 12503
- Convection of heat, *see* Heat transfer.
- Cooling systems, *see* Air conditioning.
- Cooperative Federal-State meat inspection,  
12443
- Coordinates, CROSEC, Fortran IV-APT pro-  
gram to give orthographic section, and  
definable perspective views of planar-  
curved surface, 13179
- Coordinator's score-board, 12060
- Copepods, parasitic, in family Chondracan-  
thidae from fishes of eastern North Amer-  
ica, 13234
- Copolymers, *see* Polymers and polymeriza-  
tion.
- Coppinger, Neil W., newsletter for research  
in psychology, 13333
- Copyright:  
catalog of copyright entries, 12486
- general information, 12487
- Copyright Office:  
circulars, 12487-488
- general information, 12488
- Cornette, Elden S., instrumentation require-  
ments for flight reentry heating experi-  
ment at interplanetary return velocity,  
13097
- Corporation for Public Broadcasting, *see*  
Public Broadcasting Corporation.
- Corporations:  
banking reforms and corporate customer  
(remarks), 12666
- income tax returns, statistics, 12819



# INDEX

- Corrosion and anticorrosives, *see* Scale (corrosion).
- Cortez Mountains, southern geochemical reconnaissance of Cortez-Buckhorn area, Nev., 12748
- Cosmonautics, *see* Astronautics.
- Cost, *see* subjects.
- Cost-Accounting Standards Board, appropriations, 1972, legislative report, 12177
- Cotton, Walter R., relief, 12114, 12341
- Cotton, and cottonseed, planted and harvested acres, yield per acre, production, etc., 11901
- see also* names of manufactured articles.
- Cottrell, W. Fred, government and non-government organization, background paper, White House Conference on Aging, 13369
- Cottonseed, planted and harvested acres, yield per acre, production, etc., 11901
- Council on Environmental Quality, appropriations 1972, hearings, 12266
- Counseling, expanding opportunities for girls, their special counseling needs, 13374
- Counselors, Coast Guard Academy, New London handbook with profile for advising students applying for appointment, 12069
- Counters, rotating and reciprocating, Federal item identification guide, 12504
- Counties:
  - county business patterns—
  - CBP series, 11998-12021
  - publications order form, 12022
  - see also* names of States—*also* subject involved.
- Countries, *see* Foreign countries.
- Court of Military Appeals:
  - court-martial reports, opinions cited, etc., citators and index, 12492
  - report, 12489
- Courtesy examiners handbook, 12070
- Courts, *see* names or types of courts.
- Court martial and courts of inquiry, court-martial reports, opinions cited, etc., citators and index, 12492
- Courts of United States:
  - appropriations, 1972, report, 12220
  - register, 12483
  - see also* District Courts.
- Covers, hospital, Federal item identification guide, 12521
- Cows, *see* Cattle.
- Crab meat, processed, blueing, identification of some factors involved in blue discoloration of canned crab meat (*Callinectes sapidus*), 11316
- Cracking (fracturing):
  - pavement surface cracking, Amedee Army Airfield, Herlong, Calif., investigation, 12603
- Crash fires, *see* Fires.
- CRC, *see* Civil Rights Commission.
- Credit:
  - Federal reserve and credit allocation (remarks), 12658
  - flows since 1964, 12662
- Credit unions:
  - emergency guidelines, 13077
  - serving low-income persons, progress being made and difficulties encountered, GAO report, 12741
- Crete, Nebr., railroad accident report, 13162
- Criehlow, W. Q., hourly probability of world-wide thunderstorm occurrence, 12100
- Crime and criminals:
  - crime and delinquency issues, monograph series, 13098-99
  - small business, crime against, hearings, 12481
  - special categories of offenders, civil commitment, 13099
- Criminal law:
  - Federal, reform, hearings, print additional copies, report, 12360
- Criminal law—Continued
  - investigations and study, hearings, print additional copies, report, 12168
- Criminal procedures:
  - District Courts, rules, proposed amendments, 11860
  - investigations and study, hearings, print additional copies, report, 12168
  - see also* Searches and seizure.
- Crisis in East Pakistan, 12291
- Crist trucking, motor carrier accident, Marlon, Ark., 12957
- Crockett, Curtis W., climate of Virginia, 12607
- Cromack, J. Robert:
  - M/V pickup, intersection collision, 13085
  - one/car ran off roadway, rollover, 13086
- Crops, annual crop report, 1970 agricultural statistics, Washington, 13286
- CROSEC, Fortran IV-APT program to give orthographic, section, and definable perspective views of planar-curved surface, 13179
- Cross sections, CROSEC, Fortran IV-APT program to give orthographic section, and definable perspective views of planar-curved surface, 13179
- Crow, Lester J., preliminary survey of polymer-impregnated rock, 12952
- Crude petroleum, *see* Petroleum.
- Crustaceans, entocytherid ostracods of Mexico and Cuba, 13233
- Crutcher, Harold L., selected meridional cross sections of heights temperature, and dew points of Northern Hemisphere, 13163
- Cryogenic temperature, *see* Cryogenics.
- Cryogenics, fluorinated ether lubricant at cryogenic temperature of 170 K (305° R) used on rolling elements determining effects of contact angle on fatigue life, 13025
- Crystals, quartz crystal measurements, 11926
- Cuba, entocytherid ostracods, 13233
- Culebrinas District, Puerto Rico, appraisal of potentials for outdoor recreational development, Spanish edition, 13245
- Cumulus clouds, *see* Clouds.
- Current estimates from health interview survey, 13073
- Current fishery statistics, C.F.S. series, 13113
- Curth, Ernest A., causes and prevention of transportation accidents in bituminous coal mines, 12939
- Cuyahoga River and Valley:
  - Akron to Summit-Portage County line, Ohio—
  - flood plain information, 12584
  - floods, 12590
- Cyanite, *see* Kyanite.
- Cybernetics:
  - and regulation theory—
  - human behavior patterns, etc., USSR study, 12870
  - USSR study, 12848
  - probabilistic automata, special division of theoretical cybernetics, USSR study, 12875
  - psychological theory of thinking and cybernetics development, USSR study, 12853
- Cycling, *see* Thermal cycling.
- Cylinders:
  - cylinder and cylinder assemblies, hydraulic and pneumatic, Federal item identification guide, 12506
  - integrally stiffened cylinders subjected to bending, buckling tests, 13099
  - polybenzimidazoles, study and production, 12958
- Cyprus:
  - area handbook, 11938
  - economic trends and their implications for United States, 12832



**D**

arings, print  
1168  
posed amend-  
arings, print  
12168  
er accident,  
of Virginia,  
ision, 13085  
lover, 13086  
agricultural  
gram to give  
definable per-  
surface,  
ran IV-APT  
section, and  
of planar-  
y survey of  
1952  
n.  
oods of Mex-  
meridional  
perature, and  
Hemisphere,  
yogenics.  
lubricant at  
70 K (305°)  
determining  
fatigue life,  
measurements,  
3233  
ico, appraisal  
recreational  
a, 13245  
interview sur-  
C.F.S. series,  
prevention of  
a bituminous  
County line,  
2584  
a, etc., USSR  
ial division of  
USSR study,  
thinking and  
USSR study,  
semblies, hy-  
Federal item  
a subjected to  
009  
and production,  
lications for

Dacron, dacron parachute material, effects  
of simulated Martian mission on mechan-  
ical properties, 13006  
Dade County, Fla.:  
Industrial waste sources, inventory and  
evaluation, report, 13350  
tributaries, embayments and coastal  
waters, pollution of navigable waters,  
conference proceedings, 13341  
Dah Mi Kim, *see* Kim, Dah Mi  
Dairy cattle, *see* Cattle.  
Dairy products:  
Federal and State standards, 11869  
manufactured products, 1970 production,  
13285  
Damages, *see* Claims.  
Dams, *see* names of dams or bodies of water.  
Data gathering, time for planning (address),  
12502  
Data, *see* subjects.  
Data processing, *see* Electronic data process-  
ing systems.  
Data storage and retrieval systems, *see*  
Information storage and retrieval systems.  
Davelkis, William D., flow patterns and  
pressure distributions around bluff after-  
body in wake of 120° cone for various  
separation distances at Mach 3.0, 13011  
Davies, D. S., development of thin-liquid-  
film membrane device for reverse osmosis,  
12808  
Davis, Doris S.:  
register of George C. Reid papers, 12927  
register of Levi Twiggs papers, 12928  
register of Samuel Miller papers, 12926  
Dawson, William L., memorial services,  
13109  
Day care of children:  
AVCO Day Care Center, Boston, Mass.,  
study in child care, 12565  
day care programs reprint series, 12563-  
569  
findings on day care of children, sponsored  
by Economic Opportunity Office, 12563  
Haight-Ashbury Children's Center, San  
Francisco, Calif., study in child care,  
12564  
Industry's involvement in services, 13372  
more than just baby-sitting, Casper Day  
Care Center, Casper, Wyo., study in  
child care, 12567  
Neighborhood Centers Day Care Associa-  
tion, Houston, Tex., study in child care,  
12568  
Northwest Rural Opportunities, Pasco,  
Wash., migrant labor, study in child  
care, 12569  
Ute Indian Tribe day care center, Fort  
Duchene, Utah, study in child care,  
12566  
Days, *see* names of special days.  
DDT, used in farm production, 12558  
De Simas, Jose Bettencourt, *see* Simas, Jose  
Bettencourt de.  
Dean, K. C., preliminary separation of  
meta's and nonmetals from urban refuse,  
12953  
Dean, Willard W., floods of Dec. 1966 in  
Kern-Kaweah area, Kern and Tulare  
Counties, Calif., 12759  
Dearborn County, Ind., Ohio River, floods,  
how to avoid damage, 12593  
Death:  
Federal population and mortality census  
schedules, 1790-1890 in National  
Archives and States, outline of lecture  
on their availability, content, and use,  
13055  
physician pilot-in-command fatal flight  
accidents, 11960  
Debris-control structures, 12634  
Decade of decision, 12650-651

Decay (timber):  
decay not serious in northern red oak,  
12708  
Decelerators, bluff afterbody in wake of 120°  
cone for various separation distances at  
Mach 3.0, flow patterns and pressure dis-  
tributions, 13011  
Decisions, *see* names of courts, etc. rendering  
decisions—*also* subjects.  
Decomposition, thermal, of tetrasodium  
ethylenedinitrilotetraacetate in aqueous  
solutions, oxygen effect, 13184  
Defense, *see* National defense.  
Defense Department:  
appropriations, 1972—  
hearings, 12267  
military procurement, hearings, 12445  
cataloging handbook, H (series), 12490  
cataloging manual M (series), 12491  
handbook DSAH series, 12496  
long missing Government-owned materials  
in Vietnam still unaccounted for, GAO  
review, 12729  
manual DSAM series, 12497  
military family housing, operation and  
maintenance, better cost accounting  
needed, GAO report, 12724  
military standards, 12537-545  
Defense disposal manual, 12493-495  
Defense scrap yard handbook, 12496  
Defense Supply Agency, handbook DSAH  
series, 12496  
manual DSAM series, 12497  
Deformations (mechanics):  
slime single-crystal surface during sliding,  
effect of surface films, 13024  
Degradation, *see* Scale (corrosion).  
Del Rio, Tex., San Felipe Creek, flood hazard  
information, 12582  
Delaware, county business patterns, 11999  
Delaware River, upper basin, N.Y., analysis  
of stream-temperature for variations,  
12765  
Delinquency, *see* Juvenile delinquency.  
Delinquent children, *see* Juvenile delin-  
quency.  
Demography, population statistics and demo-  
graphic analysis statistical training pro-  
grams by Census Bureau, 12039  
Demolition, *see* Wrecking.  
Denmark, economic trends and their impli-  
cations for United States, 12834  
Density, gradient technique for obtaining  
wood and bark chip density, 12705  
Dental assistants, trained, something new  
in white, fascinating career job opportu-  
nity, 13109  
Dental care, *see* Dentistry.  
Dental caries, *see* Teeth.  
Dental health, *see* Teeth.  
Dental instruments and apparatus:  
dental instruments, equipment and sup-  
plies, Federal item identification guide,  
12507  
medical and dental assemblies, kits, sets,  
and units, Federal item identification  
guide, 12524  
X-ray equipment and supplies, Federal  
item identification guide, 12535  
Dental supplies, Federal item identification  
guide, 12507  
Dental technicians, dental fixed prosthetic  
specialist, Army technical manual, 11942  
Dentistry:  
dental fixed prosthetic specialist, Army  
technical manual, 11942  
dental support, Fleet Marine Force man-  
ual, 12524  
Project Head Start, dental services, guide  
for dental health personnel, 12766  
Denver, Colo., metropolitan area, municipal  
waste report, South Platte River basin,  
appendix, 13202  
Dependents, *see* Veterans.

# INDEX

- Depreciation, asset depreciation range (ADR) system, 13311
- Dermaptera, earwigs, Dominica, Bredin-Archbold-Smithsonian biological survey, 13232
- Desalination:
  - desalting plants—
  - intake systems, 12813
  - inventory report, 12795
  - improve by development of ultrathin reverse osmosis membranes, 12803
  - unconventional methods for collecting concentrations of brine from membranes, study, 12799
  - see also Sea water.
- Desalting of sea water, see Sea water.
- Deschutes National Forest, Three Sisters Wilderness, exploring, wildlife, etc., 12719
- Desegregation in education, see Race problems.
- Designs (aircraft):
  - analysis and design study of pilot assist system for helicopters, 11952
  - high-temperature radial turbine, design and experimental evaluation, 11951
  - liquid propellant rocket engines, 12981
- Designs (architectural), see Architecture.
- Designs (industrial):
  - fracture-safe design of metal structures, integration of analytical procedures, 13181
  - Glen Canyon Dam and powerplant, technical record of design and construction, 13225
  - prospectus for Fairbanks District Office, site survey and layout, 12917
- Detention camps, see Concentration camps.
- Detection of persons, see Arrest.
- Detergents, see Cleaning compounds.
- Detroit, Mich., poverty, broad outline, job-seeking methods, training experience, and geographic mobility, 12915
- Deurbrouck, Albert W., washability examinations of Wyoming coals, 12945
- Development (economics), see Economic development—Underdeveloped areas.
- Devices, thin-liquid-film membrane device for reverse osmosis, development, 12808
- Devils Lake Daily Journal, relief, 12350
- Dew points, selected meridional cross sections of Northern Hemisphere, atlas, 13163
- Diagnosis, information-cost evaluation of tactics of statement of diagnosis, USSR, study, 12845
- Diagnostic centers, executive summary, final report, 13082
- Dialysis, radial flow round stack electro-dialysis unit, field evaluation, 12806
- Diamonds:
  - diamonds tools, disposal from national and supplemental stockpiles, report, 12396
  - industrial diamond crushing bort, disposal from national and supplemental stockpiles, report, 12387
  - industrial diamond stones, disposal from national and supplemental stockpiles, report, 12402
- Dickinson, David S., Federal labor-management consultant, 12062
- Diesel engines, emissions reinventoried, report of investigations, 12947
- Dietrich, Marshall W., effect of contact angle on rolling-element fatigue life with fluorinated ether lubricant at cryogenic temperature of 170 K (305° R), 13025
- Dies regias para los almaceneros de alimentos, 12680
- Differential use of staff in family and child welfare services, 12102
- Diffusion, and copolymerization of polyacrylic acid in nylon 66 fibers to achieve improved thermal protection and higher moisture regain, 11936
- Digital computers, see Electronic computers.
- Dinosaur National Monument, administration services and facilities, etc., 13137
- Diodes, semiconductor, radiation effects design handbook, 12966
- Diplomacy, diplomatic social usage, guide for U.S. representatives and their families abroad, 13266
- Direction finding, see Radio direction finding.
- Directories:
  - food and agricultural export directory, 12659
  - home delivered meals, national directory, 11861
  - military assistance program address, directory, 12546
  - change, 12547
  - national drug code directory, 12682
  - rehabilitation facilities, national, region 9, 13227
- Disability insurance:
  - group long-term disability insurance in private sector, trends and relationship to OASDHI, 13239
  - social security rulings, 13240
- Disabled:
  - social security, report, 13236
  - sources and size of income of disabled, 13256
  - see also Rehabilitation of the disabled.
- Disasters:
  - after Camille, conservation recovery follows disaster in Virginia, 13243
  - Federal assistance and services for individuals and families during natural disasters, 12103
  - see also Mine accidents.
- Disbursing officers, Government regulation relating to cash held at personal risk, including interest imprest funds, department circular, 13313
- Discharge, consideration of simple model atoms for argon discharge calculations, 13031
- Discrimination in employment:
  - Equal employment opportunities enforcement act of 1971—
  - hearings, 12255
  - report, 12179
  - equal job opportunity, national goal, 12611
  - jobs and inequality, progress and stagnation in quest for open society (remarks), 12663
- Diseases:
  - prevention and health, treatment, USSR study, 12862
  - quarantine diseases, World Health Organization reports, USSR study, 12855
- Diseases of animals, veterinary biologics help fight, 11892
- see also names of diseases or animals affected.
- Disinfection and disinfectants, pest control agents and disinfectants, Federal item identification guide, 12528
- Dislocations, dislocation theory, fundamental aspects, conference proceedings, 13062
- Display systems, solid state flat panel displays, guidelines, display effectiveness factors, 13028
- Disposal of refuse, see Refuse.
- Distributors (apparatus):
  - distributors and magnetos, ignition, Federal item identification guide, 12508
- District Courts, criminal procedure rules, proposed amendments, 11860
- District of Columbia:
  - census of population, 1970, number of inhabitants, 11980
  - county business patterns, 12000
  - eliminate requirement that gas meters be sealed, report, 12194
- Government, accounting, adjustments between appropriations, procedure—
- hearings, 12206
- report, 12203
- Government, motor equipment activities management, improvements needed, GAO report, 12732

- effects de-  
age, guide  
ir families  
on finding.  
directory,  
directory,  
address, di-  
2682  
al, region  
insurance in  
relationship  
f disabled,  
disabled.  
covery fol-  
3243  
for individ-  
tual dis-  
regulation  
al risk, in-  
s, depart-  
ple model  
ulations,  
es enforce-  
goal, 12611  
nd stagna-  
(remarks),  
ent, USSR  
with Organi-  
12855  
y biologics  
or animals  
est control  
deral item  
fundamental  
13062  
panel dis-  
iveness fac-  
lition, Fed-  
12508  
ure rules,  
mber of in-  
meters be  
ments be-  
edure—  
t activities  
eeded, GAO
- District of Columbia—Continued  
healing arts practice act of 1928, amend  
report, 12196  
interstate agreement on qualification of  
educational personnel, report, 12251  
legislation for Nation's Capital, report of  
activities in 91st Congress, 12450  
memorial for Mary McLeod Bethune, Na-  
tional Council of Negro Women to erect,  
extend time limit, authorization, reports,  
12232, 12377  
National Capital region water and waste  
management, report, 12610  
pollution of Potomac River Interstate  
waters, Washington, D.C. metropolitan  
area, conference proceedings, progress  
meeting, 13348  
public utilities act, amend, report, 12194  
school attendance for children of officer or  
employee of Federal Government re-  
siding and working in D.C., should be  
in D.C. public schools, sense of Congress,  
hearing, 12281  
school children, school fares, extend sub-  
sidy, hearings, 12282  
Scottish Rite of Freemasonry, supreme  
council, property, tax exemption, report,  
12157  
teachers, tax-sheltered annuity contracts,  
agreement to purchase, report, 12252  
vacation work permits for minors, facili-  
tate issuance, report, 12195  
warehouseman's lien on stored household  
goods, amend uniform commercial code,  
report, 12240  
water resources, development by Engineers  
Corps, Army, 12597  
District of Columbia Committee, House:  
hearings, 12281-282  
reports, 12157, 12194-197, 12240, 12251-  
252  
District of Columbia Committee, Senate:  
committee print, 12450  
hearing, 12449  
District of Columbia Court of Appeals, judi-  
cial nominations of Hubert B. Pair and  
J. Walter Yeagley, hearing, 12449  
Distrofia muscular, esperanza en la investi-  
gacion, 13200  
Dixon, Jay D., analysis of tunnel support  
structure with consideration of support-  
rock interaction, 12946  
Doctor Lykes (SS), new design and potential  
contribution to American merchant marine  
(remarks), 12930  
Documentary films, see Motion pictures.  
Doing business with NATO, how U.S. com-  
panies can participate, 12551  
Dominica, see Windward Islands.  
Dominican Republic, meat imports into U.S.,  
trade agreements, 13277  
Donkeys, wild burros on public lands, pro-  
tect, manage, and control, report, 12434  
Dunn, Leo A., national directory of rehabili-  
tation facilities, 13227  
Donnelly, John R., individual tree differences  
confound effects of growth regulators,  
12710  
Dormitories, buildings 34, 35, and 36, eco-  
nomics feasibility study of modernization  
at Fort Yates School, Standing Rock  
Agency, N. Dak., 12791  
DOT, see Transportation Department.  
Douglas fir, see Fir.  
Draft (military), see Conscripton.  
Drag (hydrodynamics):  
drag reduction and adsorption of polymer  
solutions, study, 13178  
Drain pipes, see Pipe and pipe fittings.  
Drainage:  
and expedient surfacing of roads, streets,  
and parking and storage areas in theater  
of operations, tests, 12601  
debris-control structures at highway drain-  
age structures, 12634  
Drivers, see Motortruck drivers.  
Dropouts, see High schools—School attend-  
ance.  
Drug abuse, Servicemen's, veterans and ex-  
servicemen's drug treatment and rehabili-  
tation act of 1971, report, 12242  
Drugs:  
chemistry and pharmacology of sleep,  
USSR study, 12872  
drug industry, competitive problems, hear-  
ings, 12480  
Government procurement, competitive  
problems in drug industry, hearings,  
12480  
marketed antiepileptic drugs, clinical effi-  
cacy, studies, 13104  
national drug code directory, 12682  
pharmaceutical industry, competition,  
present status, hearings, 12480  
technical publications, Jan.-June 1969,  
FDA, 12684  
Dry cleaning, imported fabrics, require label  
containing cleaning instructions, hearing,  
12305  
Durable goods, see Commercial products.  
Duties, see Tariff.  
Dynamics:  
general, of physical-chemical systems in  
mammals, 12969  
molecular dynamics of polar gas rotational  
relaxation, 13022  
radiation belts of the earth, 13041  
structural, of hellogy, 12960
- E  
Eagle River, Wis., bus at Eagle River, Agri-  
culture Department's food donation pro-  
gram, 11895  
Earnings, see Salaries—Wages.  
Earth, this island Earth, 12984  
see also Terrestrial magnetism.  
Earth orbits, see Orbits.  
Earths, see Rare earths.  
Earthwork and structures:  
Glen Canyon Dam and powerplant, tech-  
nical record of design and construction,  
13225  
tunnel support structure, analysis with  
consideration of support-rock, 12946  
Earwigs, see Dermaptera.  
East Africa, see Africa.  
East Pakistan, see Pakistan.  
Eastern white pine, see Pine.  
Eclipses, solar eclipse of Mar. 7, 1970, iono-  
spheric effects possible from internal  
gravity waves upon total electron content,  
11927  
Economic conditions:  
economy and economic policy in 1971  
(address), 12090  
foreign economic trends and their im-  
plications for United States, ET series,  
12821-836  
report of the President to Congress, hear-  
ings, 12133  
see also names of countries, States, etc.  
Economic development:  
how local groups and institutions can con-  
tribute to community development (re-  
marks), 12554  
multijurisdictional planning areas in U.S.,  
12553  
national development and Patent Office  
(address), 13187  
Economic Joint Committee, hearings, 12133  
Economic Opportunity Office:  
annual report—  
departmental edition, 12556  
document edition, 12143  
OEO touches your life, 12555

# INDEX

- Economic Opportunity Office—Continued**  
opportunities for improving Neighborhood health services program for the poor administered by St. Luke's Hospital Center, NYC, GAO report, 12737  
pamphlet, 12555  
progress being made and difficulties encountered by credit unions serving low-income persons, GAO report, 12741
- Economic policy:**  
balance of payments and short-term capital flows (address), 12669  
**Economic opportunity act of 1964—**  
amend and extend, hearings, 12284  
continuation of programs, report, 12283  
extend appropriations, authorization, hearings, 12288  
economy and economic policy in 1971 (address), 12090  
**Federal domestic assistance programs,** 1971 catalog, 12921  
foreign, balance of payments and position of dollar in international monetary system cause for concern (statement), 13323
- Economic Research Service, agricultural economic reports,** 12557-560
- Economics:**  
aging, towards a full share in abundance, print additional copies, report, 12169  
economic characteristics of population in metropolitan and nonmetropolitan areas, 1970 and 1960, statistics, 12032  
economic feasibility study for—  
dormitory buildings 34, 35, and 36, Fort Yates School, Standing Rock Agency, Fort Yates, N. Dak., 12701  
sale and transfer of electrical distribution system, Pine Ridge Agency, Aberdeen area, S. Dak., 12792  
**Economic opportunity act of 1964, extend appropriations, authorization, hearings,** 12286  
economic opportunity amendments of 1971, hearings, 12284  
economic surveys and censuses, statistical training programs by Census Bureau, 12039  
water supply and quality, 13362
- Ecuador, background notes,** 13263
- EDTA, thermal stability of ethylenedinitrilotetraacetic acid and its salts, oxygen effects on thermal decomposition of tetrasodium ethylenedinitrilotetraacetate in aqueous solutions,** 13184
- Education:**  
background and issues, White House Conference on Aging, 13363  
education amendments of 1971, hearings, 12466  
educational services to handicapped children, 4 programs, 12572  
Emergency school aid and quality integrated education act of 1971, report, 12362  
equal educational opportunity, hearings, 12451  
exchange programs, agreement with Federal Republic of Germany, 13274  
health professions educational assistance amendments of 1971—  
hearings, 12302-303  
report, 12439  
veterans benefits, further action by Veterans Administration could reduce administrative costs and improve service, GAO report, 12730  
years for decision, educational experience of young women, 12890  
*see also* Colleges and universities—Vocational education.
- Education and Labor Committee, House:**  
hearings, 12263-290  
investigations and studies, additional authority, report, 12207  
reports, 12179, 12214-215, 12386
- Education Office:**  
appropriations, 1972, reports, 12231, 12373  
data gathering, time for planning Federal programs (address), 12562  
Teacher Corps program at University of Southern California and participating schools in Los Angeles and Riverside Counties, Calif., assessment, GAO report, 12722
- EEOC, see Equal Employment Opportunity Commission.**
- Egg processing plants, see Eggs.**
- Eggs:**  
chicken eggs in the shell from Mexico, determination of no injury to U.S. industry, Tariff Commission report, 13293  
egg marketing guide, 12485  
product processing plants, exemption under act, report, 12253  
products inspection act, amend, report, 12253
- Elchers, Theodore, DDT used in farm production,** 12558
- Elhourn, R. D., simulation of air traffic control radar beacon code assignment plans, final report,** 13069
- Elbow, Linda, good vibes, Haight-Ashbury Children's Center, San Francisco, Calif.,** 12564
- Elderly people, see Aged.**
- Elections:**  
Federal election campaign act of 1971—  
hearings, 12477  
appendix, 12447  
report, 12422  
*see also* Voting.
- Electric apparatus and appliances:**  
electric and electronic bases, holders, and supports, Federal item identification guide, 12509  
electrical parts, marking, military standard, notice, 12540
- Electric circuit breakers, circuit breakers, Federal item identification guide,** 12502
- Electric currents, shipboard bonding, grounding, and other techniques for electromagnetic compatibility and safety, military standard,** 12545
- Electric energy, see Electricity.**
- Electric engineers:**  
electrical engineering series, position classification standard, 12065  
Veterans Administration careers, 13334
- Electric generators, see Electric power plants.**
- Electric insulation, see Insulation.**
- Electric machinery, see Machinery.**
- Electric power, see Electricity.**
- Electric power plants:**  
electric distribution system, Pine Ridge Agency, Aberdeen area, S. Dak., economic feasibility study of sale and transfer, 12792  
hydroelectric projects on Middle Snake River, licensing, prohibit, report, 12428  
PLS listing power facilities operated by Reclamation Bureau, 13220  
recreation opportunities at hydroelectric projects licensed by FPC, 12648
- Electric rheostats, rheostats and rheostat plates, Federal item identification guide,** 12529
- Electrical, see headings beginning Electric.**
- Electricians:**  
aviation electrician's mate 1 & C, rate training manual, 13167  
mate 3 & 2, rate training manual, 13170
- Electricity:**  
eleven ways to reduce energy consumption and increase comfort in household cooling, 13057  
energy issues and 91st Congress, review, print additional copies, report, 12361  
future of power in West region, 1970-90, report, 12647  
Middle Snake River, hydroelectric projects, licensing, prohibit, report, 12428

**Electricity—Continued**

power production, air pollution aspects of emission sources, bibliography with abstracts, 11916

Electrodialysis, *see* Dialysis.

Electromagnetic compatibility, shipboard bonding, grounding, and other techniques, and safety, military standard, 12545

Electron bombardment, electron and Bremsstrahlung penetration and dose calculation, 13032

Electron tubes, test methods, military standard, 12541

Electronic computers:

digital computers, USSR studies, 12847

NBS secondary standard magnetic tape (computer amplitude reference) SRM 3200, calibration using reference tape amplitude measurement process A model 2, 13060

Electronic data processing systems:

AADC system operation with E-20 program workload, simulation, 13183

data processing, statistical training programs by Census Bureau, 12039

data retrieval language to handle generalized data base DRL, preliminary design, 13071

Federal Government's excess automatic data processing equipment, opportunities to improve redistribution, GAO report, 12738

postal source data system, PSDS, need to evaluate and improve before further expansion, GAO report, 12735

*see also* Computer programs/programming.

Electronic engineers, electronics engineering series, position classification standard, 12065

Electronic equipment:

electric and electronic bases, holders, and supports, Federal item identification guide, 12509

electronic parts, marking, military standard, notice, 12540

joint electronics type, designation system, military standard, 12539

radiation emissions, control—

administration and enforcement, regulations, 13213

annual report, 12144

Electronic modules:

spiral-wound reverse osmosis membrane modules—

development and testing, 12812

improvement, 12810

Electronic Products Division, BRH/DEP series, 13212

Electronics:

electronic battlefield program, investigation—

hearings, print additional copies, report, 12424

Electrons, total electron content of ionosphere during solar eclipse of Mar. 7, 1970, considering possible effects from internal gravity waves, 11927

Elementary education:

Bilingual education act, title 7, ESEA programs, manual for project applicants and grantees, 12375

Elementary and secondary education act, as amended, title 1, allocation of funds, 12465

focus on innovation, report on status and operation of ESEA title 3, 12571

Elliott, Jerrell R., method for reducing sensitivity of optimal nonlinear systems to parameter uncertainty, 13002

El Malpais, N. Mex., alternatives for inclusion in national park system, study, 13146

Embrittlement, *see* Fracture of metals.

Emergencies, *see* Disasters.

Emergency loans, 11891

Emergency school aid and quality integrated education act of 1971, 12362

Emission, diesel emissions reinventoried, report of investigations, 12947

*see also* Radiation emission

Employees, *see* Government officials and employees—Labor.

Employers, contributions to jointly administered trust funds for product promotion, permit, hearing, 12286

Employment:

challenge of providing greater job opportunities for blacks and members of other minority groups (address), 12885

equal job opportunity, national goal, 12611

job bank using computer to bring people and jobs together, 12889

jobs and inequality, progress and stagnation in quest for open society (remarks), 12663

social security benefits and earnings of minority groups in covered employment, 13288

statistics 1909-70, United States, 12895

summer job with Forest Service, 12718

urban employment survey, reports, 12915

*see also* Manpower.

Employment security activities, *see* Unemployment insurance.

Enclosures, three balloon-type enclosures for thermal control of satellites, experimental investigation, 13004

Energy, *see* Electricity.

Energy dissipation, corrugated-metal pipe underdrain energy dissipators, hydraulic model studies, 13222

Energy Resources of United States, Select Committee on House, create, report, 12170

Enforcement of law, *see* Law enforcement.

Engineering:

feasibility study of Bishop system for open ocean oil spills, final report, 12079

metal structures, integration of analytical procedures for fracture-safe design, 13181

ocean, technical manual, 12074

scientific and technical manpower requirements of selected segments of atomic energy field, 11958

U.S. Metric Study, engineering standards, 13064

*see also* Aeronautical engineering—Agricultural engineering—Hydraulic engineering—Marine engineering.

Engineering and Research Center, REC-ERC series, 13222

Engineers:

aerospace, civil, electrical, electronic (and) mechanical, Federal Aviation Administration offers excellent opportunities, 12617

reference and logistical data, Army field manual, 11933

*see also* Civil engineers—Electric engineers—Electronic engineers—Mechanical engineers.

Engineers Corps, Army:

appropriations, 1972, hearings, 12271

development of water resources—

District of Columbia, 12597

Maryland, 12598

Pennsylvania, 12599

projects, hearings, 12476

Engines, *see* Turbines.

Engines (aircraft):

jet engine noise data from subsonic aircraft, 12621

simplex and dual-orifice fuel nozzles with ambient and heated fuel in annular turbojet combustor, comparison, 13021

*see also* Rockets—Turbines.

English language, English and Federal Government, Federal textbook on citizenship, 12790

Enlisted men, *see* Air Force.

Enlisted personnel, *see* Air Force.

Enrollment, *see* Colleges and universities—Schools.

Entocytheridae, *see* Crustaceans.



# INDEX

- Entropy, real gas turbulent boundary layers with variable edge entropy, integral method for calculation, 13001
- Entry into atmosphere, *see* Atmospheric entry
- Environment:
  - AEC environmental program, authorizing legislation, 1972, hearings, 12132
  - agriculture-environmental and consumer protection appropriations, 1972—hearings, 12266
  - report, 12217
  - aircraft environment, Federal policy and planning, 12618
  - aquatic organisms and their environment, floating laboratory for study, 13112
  - extreme environmental conditions, aircraft maintenance, servicing, and ground handling, 11944
  - housing production, demand, and suitable living environment, papers submitted to Subcommittee on Housing Panels, 12278
  - human, U.S. national report, 13201
  - increases in population necessitate greater pollution problems (address), 12087
  - marine environmental prediction, Federal plan, 13124
  - National environmental policy act of 1969, administration, report, 12237
  - our environment, forces which threaten it, 12052
  - rebuilding quality environment through rural environmental assistance program, 11863
  - titanium fuselage environmental conditions in post-crash fires, final report, 13288
  - trapped radiation environment models long term time variations, 12988
- Environmental Health Office, guidelines series, 12793
- Environmental physiology, response of teleost fish to environmental stress, 13367
- Environmental Protection Agency:
  - appropriations, 1972, hearings, 12266
  - cost of clean water, annual report print as Senate document, report, 12375
  - progress in prevention and control of air pollution, report, 12332
- Environmental Research Laboratories, ESSA technical report, ERL-WPL series, 13123
- Environmental Science Services Administration:
  - technical memorandums, 13122
  - technical reports, 13123
- Epilepsy, marketed antiepileptic drugs, clinical efficacy, studies, 13104
- Equal employment opportunity, *see* Discrimination in employment
- Equal Employment Opportunity Commission:
  - annual report—
    - departmental edition, 12612
    - document edition, 12140
  - appropriations, 1972—
    - hearings, 12268
  - report, 12220
  - enforcement powers, strengthen, report, 12179
- Equations:
  - critical size structural, manipulation errors in computer solution, 12965
  - Helmholtz resonances in rooms with windows and doorways, model studies, 12963
  - integral, calculation of real-gas turbulent boundary layers with variable edge entropy, 13001
  - noise generating mechanisms in supersonic jet exhaust flow, analytical properties, 12979
  - on meromorphic functions with 3 almost linear values, 13176
  - solution of initial-value problem in linear transport theory, monoenergetic neutrons in a slab with infinite reflectors, 13035
- Equations of motion, molecular dynamics of polar gas rotational relaxation, 13022
- Equations of state:
  - Hugoniot, shock wave study of Cocoonino sandstone, 12978
  - partition functions and equations of state in plasmas, 12989
- Equine infectious anemia, *see* Anemia
- Equipments, *see* names or types of equipment
- Error analysis:
  - manipulation errors in computer solution of critical size structural equations, 12965
  - probability-of-error considerations for certain M-ary block codes with bit-by-bit decisions, 13180
- Error function, *see* Probabilities (mathematics)
- Escape systems, lunar escape, lightweight vehicles to orbit with kinesthetic attitude control and simplified manual guidance, fixed-base simulator investigation, 13015
- ESEA (Elementary and secondary education act), *see* Elementary education—Secondary education
- Estate tax, *see* Inheritance and transfer tax
- Ethiopia, area handbook, 11939
- Ethnic types, films and broadcasts demeaning ethnic groups, producers to adhere to code of ethics, hearings, 12301
- Ethylendinitrilotetraacetic acid, *see* EDTA
- Eulogies, *see* Memorial services
- Europe, Western, grain in non-EC countries, 1960-70 trends, 12690
- European Common Market, *see* European Economic Community
- European Economic Community, what it means to U.S. international trade (address), 12088
- Eustis Directorate, Army Air Mobility Research and Development Laboratory, Army aviation RDTE technical reports, list, 11949
- Eutectics, sintered tungsten, molybdenum, and cobalt molybdenum impregnated with fluoride eutectic, friction and wear, 13023
- Evaluation of appliance X-ray pollution problem, 13089
- Evaporation, determination of limiting capacity evaporation channels of Beloyarsk Nuclear Power Plant reactors, USSR study, 12863
- Evaporators:
  - advanced evaporator tubes for long-tube vertical evaporators, performance characteristics, 12801
- VTE pilot plant annual report, 12802
- Examinations, *see* Civil service
- Excise taxes, internal revenue bulletin, cumulative index-digest supplement system 12816
- Excitation, vibrational excitation mechanisms of CO<sub>2</sub> at high temperatures, study, 12977
- Executive, *see* President of United States
- Executive departments, *see* Government supplies
- Executive Office of the President, appropriations, 1972, reports, 12218, 12245
- Exhaust systems, noise generating mechanisms in supersonic jet exhaust flow, analytical properties, 12979
- Expenditures, *see* subjects for which expenditures are made
- Experiments and experimentation, *see* subjects
- Explosives, highway construction use factor, 12631
- Export-Import Bank of United States:
  - act of 1945, amend—
    - hearings, 12277
  - report, 12255
  - audit report, 12723
  - exclude bank receipts and disbursements from budget of United States—
    - hearings, 12277



Export-Import Bank of United States—Con.  
 exclude bank receipts and disbursements—  
 continued  
 report, 12255  
 export trade, expansion, report, 12255  
 Guaranty of interest, subordination of  
 claims for reimbursement and subrogation,  
 opinion of Attorney General, 12881  
 Exports:  
 agricultural, expansion, law, 12128  
 expansion and regulation act, amend to  
 remove restrictions against alcoholic  
 beverages, law, 12128  
 expansion finance act of 1971, hearings,  
 12277  
 Export administration act of 1969, extend,  
 law, 12126  
 commodity groupings by world area, annual  
 trade reports, 12043  
 SIC-based products, annual trade reports,  
 12044  
 see also names or classes of articles exported.  
 Ex-servicemen, see Veterans.  
 Extradition, supplementary convention with  
 France, 13272  
 Eyes, face and eye protection, safety standards  
 technical reference, 12893

**F**

F.B.I., see Federal Bureau of Investigation.  
 F.C.C., see Federal Communications Commission.  
 F.H.A., see Federal Housing Administration.  
 F-104G, see Fighter planes.  
 Faber, Andrew L., experiment on transmission  
 loss and fluctuations of 3-kHz sound  
 in shallow water, 13182  
 Faber, Fred L., chicken broiler industry,  
 structure, practices, and costs, 11885  
 Fabrics, see Textiles.  
 Facilities acquisition, NASA, 12325  
 Fagan, Charles A. 3d, remarks, July 10,  
 1971, 12554  
 Fair labor standards act, see Labor standards.  
 Fairbanks, Alaska, design prospectus for  
 Fairbanks District Office, site survey and  
 layout, 12917  
 Families:  
 aid to families with dependent children,  
 standards for basic needs for specified  
 types of assistance groups, 13074  
 families for black children, search for  
 adoptive parents, experience survey,  
 12048  
 family and child welfare services, differential  
 use of staff, 12103  
 Federal assistance and services for individuals  
 and families during natural  
 disasters, 12103  
 Fans, see Mechanical fans.  
 Faraday effect, study of VHF Thomson  
 scatter radar midlatitude ionosphere,  
 13177  
 Fares, see Motorbuses.  
 Farm buildings:  
 building plans—  
 crowding gates for dairy cattle, 11888  
 farrowing house for hogs, 11889  
 greenhouse, plastic covered, 11890  
 wood materials used in farm structures,  
 changing market, 12713  
 Farm credit, see Agricultural credit.  
 Farm Credit Administration:  
 annual report, 1969-70—  
 departmental edition, 12614  
 document edition, 12135  
 Farm labor, young farm workers and Fair  
 labor standards act, 13338  
 Farm products, see Agricultural products.  
 Farm workers, see Farm labor.  
 Farmers' bulletin, 11874  
 Farmers Home Administration, this is FHA,  
 11894  
 Farms, DDT used in farm production, 12558

Farrell, John P., search effectiveness with  
 starlight scope and 7x50 binoculars, 11948  
 FAS, see Foreign Agricultural Service.  
 Fastenings, fastening devices, Federal item  
 identification guide, change, 12511  
 Fasteners, see Fastenings.  
 Fatalities, see Death.  
 Fatigue of materials, see Strains and  
 stresses.  
 FBI, see Federal Bureau of Investigation.  
 FCC, see Federal Communications Commission.  
 FDA, see Food and Drug Administration.  
 Fed facts, 12061  
 Federal agencies, see Government offices.  
 Federal aid, see Grants-in-aid—also subjects.  
 Federal Aviation Administration:  
 Federal Aviation Administration offers  
 excellent opportunities to engineers,  
 aerospace, civil, electrical, electronic,  
 and mechanical, 12617  
 report FAA-AM series, 11959-960  
 report FAA-NO series, 12622  
 report FAA-RD series, 13287-289  
 Federal Bureau of Investigation, airlines and  
 the FBI, 12626  
 Federal civil service, see Civil service.  
 Federal Communications Commission:  
 appropriations, 1972—  
 hearings, 12270  
 report, 12227  
 waiving points of order, report, 12236  
 decisions and reports, bound volumes,  
 12627-628  
 Federal Deposit Insurance Corporation,  
 audit report, 12136  
 Federal election campaign act of 1971, 12447  
 Federal employees, see Government officials  
 and employees.  
 Federal Executive Service, create, proposal,  
 recommendations of the President, 12319  
 Federal funds for academic science, 13150  
 Federal Government, see Government.  
 Federal Highway Administration, report FH  
 series, 12636  
 Federal Home Loan Mortgage Corporation,  
 development of uniform conventional mortgage  
 form, public meetings, proceedings,  
 print as Senate document, report, 12376  
 Federal Hospital Insurance Trust Fund, see  
 Board of Trustees of Federal Hospital Insurance  
 Trust Fund.  
 Federal Housing Administration:  
 FHA homes, insuring operations under  
 sec. 203, 1969 data for States and selected  
 areas, 12639  
 FHA regulations, 12640-644  
 financial statements pertaining to insurance  
 operations, GAO examination,  
 12142  
 highway safety rest area program management,  
 improvements needed, GAO report,  
 12731  
 Federal Home Loan Bank Board:  
 appropriations, 1972—  
 hearings, 12270  
 report, 12227  
 waiving points of order, report, 12236  
 Federal item identification guides:  
 aircraft and vehicular steering, axle, wheel,  
 and tract components, 12498  
 biologicals, 12499  
 bolts, fluid passage, 12500  
 chemical products, 12501  
 circuit breakers, 12502  
 controls and associated equipment, 12503  
 counters, rotating and reciprocating, 12504  
 craftsmen measuring tools, 12505  
 cylinder and cylinder assemblies, hydraulic  
 and pneumatic, 12506  
 dental instruments, equipment and supplies,  
 12507  
 distributors and magnetos, ignition, 12508  
 electric and electronic bases, holders and  
 supports, 12509

# INDEX

- Federal item identification guides—Con.  
electrical rotating machinery, 12510  
fastening devices, change, 12511  
fittings, hose, pipe and tube, 12512  
fuels, liquid and solid, 12513  
furniture, general household and office,  
12514  
gases, compressed and liquefied, 12515  
gloves, mittens and sleeves, 12516  
hand tools, powered and non-powered,  
12517  
handcranks and handwheels, 12518  
hardware, builders and cabinet, 12519  
hoisting equipment, 12520  
hospital and medical bags, cases, covers,  
and pads, 12521  
hospital furniture, equipment, utensils,  
and supplies, 12522  
lumber, millwork, plywood, and veneer,  
12523  
medical and dental assemblies, kits, sets,  
and units, 12524  
medical and surgical instruments, equip-  
ment, and supplies, 12525  
miscellaneous chemical specialties, 12526  
opticians instruments, equipment and sup-  
plies, 12527  
pest control agents and disinfectants,  
12528  
rheostats and rheostat plates, 12529  
saturable reactors and magnetic ampli-  
fiers, 12530  
shaft, propulsion, ship, 12531  
shielding gasket, electronic, 12533  
vehicles and trailers, 12534  
X-ray equipment and supplies, medical,  
dental, and veterinary, 12535  
Federal Management Improvement Confer-  
ence, proceedings, 12922  
Federal manual for supply cataloging, 12491  
Federal Maritime Commission:  
appropriations, 1972—  
hearings, 12265  
report, 12220  
SP series, 12645-646  
Federal Metal and Nonmetallic Mine Safety  
Board of Review, appropriations, 1972,  
report, 12230  
Federal National Mortgage Association,  
development of uniform conventional,  
mortgage form, public meetings, proceed-  
ings, print as Senate document, report,  
12576  
Federal plan for marine environmental  
prediction, 13124  
Federal policy and planning on aircraft  
environment, 12618  
Federal Power Commission, recreation op-  
portunities at hydroelectric projects  
licensed, 12648  
Federal Prevailing Rate Advisory Commit-  
tee, establish, report, 12258  
Federal Prison Industries, Inc., appropri-  
ations, 1972, report, 12220  
Federal register, pamphlet to accompany  
microcopy, 13051  
Federal regulations, *see* Code of Federal  
regulations—*also* subjects.  
Federal reserve banks:  
direct purchase of U.S. obligations,  
authorization, extend—  
hearing, 12280  
law, 12130  
reports, 12233, 12363  
Federal reserve act, amend—  
hearing, 12280  
reports, 12208, 12233, 12363  
Federal reserve system, monetary policy and  
credit allocation (remarks), 12658  
Federal Reserve System Board of Governors:  
annual report, 12060  
authority, rules regarding delegation,  
12607  
publications, list, 12659  
regulation series, 12665  
Federal standards, 12675-676  
Federal supply catalog, *see* Government  
supplies.  
Federal support to universities and colleges,  
13153  
Federal test method standards, 19677  
Federal Trade Commission:  
act, amend, hearings, 12448  
consumer bulletin, 12678  
Feed grains, *see* Grain.  
Fees, international postage rates and fees,  
general information, 13328  
Fertilization of plants, tests with potted  
red oak seedlings, 12707  
Fertilizers:  
commercial, consumption of primary plant  
nutrients and micronutrients, 11902  
fertilizer marketing in changing agricul-  
ture, conference proceedings, 13301  
FHA, *see* Federal Housing Administration.  
FHLBB, *see* Federal Home Loan Bank  
Board.  
Fibers, *see* names of certain plants, textiles,  
etc.  
Fichtl, George H., aerodynamic properties  
of rough spherical balloon wind sensors,  
13029  
Fiedler, Edgar R., remarks, June 7, 1971,  
12091  
Field glasses, starlight scope and 7 x 50  
binoculars, search effectiveness, 11948  
Fighter planes, F-104G airplane, flight-  
determined acceleration and climb per-  
formance, for use in optimum-flight-path  
computer program, 13034  
FIIQ, *see* Federal item identification guides.  
Filberts, unshelled, restrict imports, hear-  
ings, 12265  
Films (chemical):  
niobium films, superconducting properties,  
13030  
thin-liquid-film membrane device for  
reverse osmosis, development, 12808  
Film (coverings):  
film permeability requirements for mod-  
ified-atmosphere of apples, variables,  
affecting 11903  
Films (photography), *see* Motion pictures.  
Filters and filtration, ultrasonic filtration of  
combined sewer overflows, 13356  
Filtration, *see* Filters and filtration.  
Finance:  
debt rescheduling under certain agricul-  
tural commodities, surplus property,  
and other agreements with Indonesia,  
13276  
financial developments in 1971, 1st quar-  
ter, 12661  
financial management—  
community in Government (remarks),  
13318  
local housing authority management  
guide, 12278  
looking ahead (address), 12084  
financial statements—  
Federal Housing Administration insur-  
ance operations, GAO examination,  
12142  
Government National Mortgage Asso-  
ciation, GAO examination, 12147,  
12728  
low-rent housing—  
financial management handbook trans-  
mittal, 12773  
financing handbook, supp., 12775  
problems of federal finance (remarks),  
13317  
*see also* International finance—Revenue.  
Finance Committee, Senate:  
committee print, 12453  
hearings, 12452, 12454  
reports, 12436-437  
Financial assistance, *see* Grants-in-aids.  
Financial statements, *see* Finance.  
Findings from study in child care, sponsored  
by Office of Economic Opportunity, 12563

Government  
and colleges,  
19677

tes and fees,  
with potted

primary plant  
nts, 11902  
gling agricult-  
s, 13301  
ministration,  
Loan Bank

ants, textiles,  
ic properties  
wind sensors,

une 7, 1971,  
and 7 x 50  
s, 11948  
plane, flight-  
climb per-  
um-flight path

ication guides,  
ports, hear-

g properties,  
device for  
ent, 12808

ata for modifi-  
s, variables,  
ion pictures,  
e filtration of  
3356  
ration.

tain agricult-  
s property,  
ch Indonesia,

71, 1st quar-

t (remarks),  
management

2084

ration insur-  
examination,  
ortgage Assoc-  
tion, 12147,

ndbook trans-  
12775

ce (remarks),  
ce—Revenue.

ts-in-aids,  
nce,  
re, sponsored  
tunity, 12563

Fine Arts Commission, appropriations, 1972,  
report, 12230

Finland:  
economic trends and their implications for  
United States, 12829  
pig iron, determination of injury to U.S.  
industry, Tariff Commission report,  
13294

Fir:  
Douglas—  
bark, utilization, 12720  
laminated root rot, description, etc.,  
12694

Fire fighting, *see* Fire.  
Firearms, published ordinances, State laws,  
and local ordinances relevant to title 18,  
U.S.C., chap. 44, 12818

Firefighting apparatus, Federal fire suppres-  
sion equipment and supplies, special sup-  
plement to stock catalog, 12673

Firemen (firefighters):  
D.C. firemen retired for total disability,  
payment of medical expenses, report,  
12197

Fires:  
airport fire fighting and rescue services  
minimum needs, 11924  
post crash fires involving aircraft, tita-  
nium fuselage environmental conditions,  
final report, 13288

Firms, *see* Business.  
Fish and fisheries:  
current fishery statistics, CFS series,  
13113

Fish and wildlife coordination act, amend,  
hearings, 12313  
fishery products, imports and exports,  
13113

North Pacific fisheries act of 1934, amend,  
hearings, 12294  
Northwest Atlantic fisheries act of 1950,  
amend—

hearing, 12294  
report, 12226  
response of teleost fish to environmental  
stress, 13367

special scientific reports, fisheries series,  
13114-116  
sport fishing USA, 13260

Fisheries, *see* Fish and fisheries.  
Fishery products, *see* Fish and fisheries.

Fishing, *see* Fish and fisheries.  
Fishing vessels, 7 Hawaiian skipjack tuna,  
June-Aug. 1967, analysis of operations,  
13113

Fittings (auxiliary), *see* Pipe and pipe  
fittings.

Fitzsimmons, Stephen J., findings from study  
in child care, 12563

Fitzwilliams, Jeannette, open-country pov-  
erty in relatively affluent area, East North  
Central States, 12559

Flammable fabrics, *see* Textiles.  
Flat Top uranium mine, Grants, N. Mex.,  
structural and mineralogical character-  
istics, 11953

Fleet, *see* Merchant marine.  
Fleet Marine Force manual FMFM series,  
12923-924

Flight:  
flight-determined acceleration and climb  
performance of F-104G airplane for use  
in optimum-flight path computer pro-  
gram, 13034

in-flight use of traversing boundary-layer  
probes, 13036

test, thermal response of high-density  
pehnolic-nylon on spacecraft launched  
by Pacemaker vehicle system, analysis,  
13013

*see also* Instrument flying.  
Flight instruments, *see* Aeronautical in-  
struments.

Floods:  
Cuyahoga River, Akron to Summit-Portage  
County line, Ohio, 12590

Floods—Continued

flood hazard information—  
Red Arroyo, San Angelo, Tex., 12594  
San Felipe Creek, Del Rio, Tex., 12582

flood plain information—  
Cuyahoga River, Akron to Summit-Port-  
age County line Ohio, 12584

Maunabo River, vicinity of Maunabo,  
Puerto Rico, 12585

Mendenhall River, Juneau, Alaska,  
12586

San Marcos Creek, vicinity of San  
Marcos, San Diego County, Calif.,  
12587

Umatilla River tributaries, McKay,  
Tutuilla, Wildhorse Creeks, Pendleton,  
Oreg., and vicinity, 12588

Wachapreague, Va., coastal flooding,  
12583

floods of 1966 in United States (series),  
12759

how to avoid damage, Ohio River, Dear-  
born County, Ind., 12593

Kern-Kaweah area, Kern and Tulare Coun-  
ties, Calif., 12759

Lemon Creek in vicinity of Juneau,  
Alaska, 12591

Mendenhall River in vicinity of Juneau,  
Alaska, 12592

Pendleton, Oreg., and vicinity, McKay,  
Tutuilla, and Wildhorse Creek, 12589

prevention and watershed protection,  
Sanderson Canyon Watershed, 12473

Florida, Palm Beach to Cape Kennedy, geo-  
morphology and sediments of inner Con-  
tinental Shelf, 12577

Flow:  
correlation of secondary sonic and super-  
sonic gaseous jet penetration into super-  
sonic crossflows, 13026

experimental study of 1- and 2-component  
low-turbulence confined coaxial flows,  
12980

near flow field for tube vehicles, experi-  
mental investigation, 12652

patterns and pressure distributions around  
bluff afterbody in wake of 120° cone for  
various separation distances at Mach  
3.0, 13011

radial flow around stack electro dialysis  
unit, field evaluation, 12806

supersonic jet exhaust flow, analytical  
properties of noise generating mechanisms,  
12979

three-dimensional transonic shear flow  
computational studies, work in progress,  
12974

Flowmeters, open-channel integrating-type  
flow meter, 12753

Fluid bearings, *see* Bearings (machinery).  
Fluid bed processes, *see* Fluidization.

Fluidics, bolt, fluid passage, Federal item  
identification guide, 12500

Fluidization, fluid bed incineration of petro-  
leum refinery wastes, 13358

Fluorides, sintered tungsten, molybdenum,  
and cobalt molybdenum impregnated with  
fluoride eutectic, friction and wear, 13023

Flutter (aircraft):  
high amplitude panel flutter, experimental  
investigation, 12976

PMC, *see* Federal Maritime Commission.  
Focus on innovation, 12571

Fong, Elizabeth, preliminary design of data  
retrieval language to handle generalized  
data base DRL, 13071

Food:  
bus at Eagle River, Agriculture Depart-  
ment's food donation program, 11895

exports, directory, 12689  
meals, home delivered, national directory,  
11561

technical publications, Jan.-June 1969,  
FDA, 12684

warehousemen, rules for (poster), Spanish  
edition, 12680

- Food and Drug Administration:  
postal series, 12690  
public advisory committees, authority,  
structure, functions, members, 12683  
selected technical publications, 12684
- Food and Nutrition Service, FNS series,  
12685-687
- Forecasts, national air pollution potential  
forecast program, 13122
- Foreign affairs, *see* International relations.
- Foreign Affairs Committee, House:  
committee print, 12293  
hearings, 12291-292, 12294-295  
reports, 12221, 12226, 12246-249
- Foreign Agricultural Service, miscellaneous,  
FAS-M series, 12698-699
- Foreign agricultural trade, *see* Agricultural  
products.
- Foreign aid:  
Foreign assistance act of 1971, hearings,  
12292  
program, transformation, hearings, 12292  
Foreign assistance, *see* Foreign aid.
- Foreign Claims Settlement Commission:  
appropriations, 1972—  
hearings, 12268  
report, 12220
- Foreign countries:  
background notes, 13261-265  
foreign economic trends and their impli-  
cations for United States, ET series,  
12821-836  
foreign game leaflets, 13257-258  
plant quarantine import requirements,  
summaries, geographic guide, 11864  
tariff preferences for developing countries,  
existing and proposed arrangements,  
research study, 13297
- Foreign direct investment program, 1971,  
12691
- Foreign policy, *see* International relations.
- Foreign Relations Committee, Senate:  
committee prints, 12455, 12457  
hearings, 12456, 12458  
reports, 12429, 12431
- Foreign Service:  
scholarship program—  
hearings, 12458  
report, 12429
- Foreign Service Institute, programmed in-  
troduction, German, 13270
- Foreign trade, *see* Commerce—also names of  
countries.
- Foreman, G. E., spiral-wound reverse osmosis  
membrane modules, improvement, 12810
- Forest fires, Federal fire suppression equip-  
ment and supplies, special supplement to  
stock catalog, 12673
- Forest pest leaflets, 12694-697
- Forest research, *see* Forests and forestry.
- Forest Service:  
appropriations, 1972, report, 12230  
equipment development and test program,  
progress and plans, 12692  
programs for environmental protection  
and development of natural resources,  
12716  
research notes, 12704-710  
research papers, 12711-715  
summer job with Forest Service, 12718
- Forests and forestry:  
equipment development and test program  
of Forest Service, progress and plans,  
12692  
insect conditions in United States, 12693  
managing family forest, 11874  
NCRETUR computer program for evalu-  
ating investments revised to provide ad-  
ditional information, 12704  
research notes, 12704-710  
research papers, 12711-715  
*see also* National forests.
- Formation and propagation of shock wave  
from concave boundary, 13018
- Forms, blanks, etc., *see* subjects.
- Fort Duchesne, Utah, Ute Indian Tribe day  
care center study in child care, 12566
- Fort Yates School, Standing Rock Agency,  
Fort Yates, N. Dak., economic feasibility of  
modernization of dormitory buildings 34,  
35, and 36, study, 12791
- FORTTRAN, *see* Computer programs/pro-  
gramming.
- Four programs for educational services to  
handicapped children, 12572
- Fracture of metals:  
fracture-safe design of metal structures,  
integration of analytical procedures,  
13181  
neutron irradiation embrittlement of pres-  
sure-vessel steels and weldments, major  
factors affecting, 13174  
radiation-induced embrittlement gradients  
on fracture characteristics of thick-  
walled pressure vessel steels, analysis,  
13175
- France:  
economic trends and their implications for  
United States, 12824  
extradition, supplementary convention,  
13272
- Franconia, Va., railroad accident report,  
13161
- Franklin, W. Neil, Federal population and  
mortality census schedules, 1790-1890, in  
National Archives and States, etc., 13055
- Franklin Delano Roosevelt Memorial Com-  
mission, appropriations, 1972, report,  
12230
- Fraser, Robert C., institutional factors in  
civil aviation, contractor report, 13304
- Freeways, *see* Roads and highways.
- Freezing, oxygen, thermophysical properties  
from freezing liquid line to 600 K for  
pressure to 5000 Psia, 13066
- Freight:  
cost of transporting by class 1 and 2 motor  
common carriers, general commodities  
by regions or territories, 12935  
freight handling, modernization (remarks),  
12931  
loss and damage, exploratory study of eco-  
nomic, administrative, and legal factors,  
13308
- Freman, G. E., spiral-wound reverse osmosis  
modules, development and testing, 12812
- French Guiana, economic trends and their  
implications for United States, 12823
- Frequencies, time and frequency, bibliography  
of NBS literature, published, 13065
- Fresh fruit, *see* Fruit.
- Freud, Sigmund, abstracts of standard edi-  
tion of complete psychological works,  
13096
- Freund, William H., lunch programs in Na-  
tion's schools, 12560
- Friction:  
and wear of poly (amide-imide), polyimide,  
and pyrrone polymers at 260°C (500 F)  
in dry air, 13020  
and wear of sintered tungsten, molybde-  
num, and cobalt-molybdenum impreg-  
nated with fluoride eutectic, 13023  
optimization of conical hydrostatic bear-  
ing for minimum friction, 13027  
sliding, effect of surface films on deforma-  
tion of zinc single-crystal surface, 13024
- Fruit:  
fresh, shipment by commodities, States,  
etc., 12482  
home canning, 11875
- Fryer, Thomas B., implantable biotelemetry  
systems, report, 12991
- FT reports, 12040-44
- Fuel:  
conservation of heating fuels, local hous-  
ing authority management guide, 12782  
fuels, liquid and solid, Federal item identi-  
fication guide, 12513  
simplex and dual-orifice fuel nozzle with  
ambient and heated fuel in annular  
turbojet combustor, comparison, 13021

ock Agency,  
feasibility of  
buildings 34,  
ograms/pro-

services to

structures,  
procedures,

ment of pres-

ent gradients

es of thick-

els, analysis,

lications for

convention,

ident report,

population and

790-1890, in

etc., 13055

memorial Com-

1972, report,

al factors in

rt, 13304

ys,

al properties

to 600 R for

and 2 motor

commodities

12038

on (remarks),

study of eco-

legal factors,

verse osmosis

esting, 12812

nds and their

s, 12823

, bibliography

13065

standard edi-

logical works,

grams in Na-

(e), polyimide,

60°C (500 F)

sten, molybde-

num impreg-

c, 13023

rostatic bear-

ing 13027

on deformation

surface, 13024

ities, States,

biotelemetry

ls, local hous-

guide, 12782

at item identi-

Fumigants, grain fumigants in silo-type elevator tanks by aeration systems, distribution, 11883

Functions (mathematics), *see* Mathematics.

Funds, appropriated, Executive impoundment, hearings, 12462

*see also* subjects for which funds are used.

Fung Yut Ma, *see* Ma, Yut Fung.

Funk, David T., eastern white pine seed source trial, 10 year results from 3 mid-western plantations, 12706

Furniture:  
hospital, Federal item identification guide, 12522

household, general and office, Federal item identification guide, 12514

Fuselage, titanium environmental conditions in post-crash fires, final report, 13288

## G

Gabelman, John W., Flat top uranium mine, Grants, N. Mex., 11953

Gaging, general principles of, military standard, 12644

Gajdusek, D. Carleton, bibliography of kuru, 13102

Game and game birds, foreign game leaflets, 13257-258

Game theory, rendezvous game problems, USSR study, 12858

Gammon, James R., effect of inorganic sediment on stream biota, 13366

Gallaudet College, appropriations, 1972, reports, 12231, 12373

Gallium arsenide, quantum-optical integrated circuits, USSR study, 12861

GAO, *see* General Accounting Office.

Gardening, *see* Gardens.

Gardens:  
home and garden bulletins, 11875-879

minigardens, teacher's guide, 11897

Garfield County, Mont., northeastern area prospects for developing stock-water supplies from wells, 12764

Gas:  
census of mineral industries, 1967, industry statistics, natural gas, 11977

natural:  
act, regulations under, 12649

pipeline safety act, amend, reports, 12191, 12194

polar, molecular dynamics of rotational relaxation, 13022

Gases:  
compressed and liquefied, Federal item identification guide, 12515

correlation of secondary sonic and supersonic gaseous jet penetration into supersonic crossflows, 13026

real gas turbulent boundary layers with variable edge entropy, integral method for calculation, 13001

Gaskets, shielding gasket, electronic, Federal item identification guide, 12533

Gasolines, motor, winter, 1970, petroleum products survey, 12943

Gates, crowding gates for dairy cattle, 11888

Gauging, *see* Gaging.

Gazetteers, *see* Geographic names.

Gedwill, Michael A., cyclic oxidation resistance of clad IN-100 at 1040° and 1090° C: time, cycle frequency, and clad thickness effects, 13010

Gelas, Gunther R., Algorithm for Liapunov stability analysis of complex nonlinear systems with application to orbiting astronomical observatory, 12959

Geller, Sidney B., calibration of NBS secondary standard magnetic tape (computer amplitude reference) SRM 3200 using reference tape amplitude measurement process A, model 2, 13060

General Accounting Office, appropriations, 1972, legislative reports, 12177, 12238, 12419

General Counsel of Transportation Department, report, 12489

General Services Administration:  
appropriations, 1972, reports, 12218, 12245

potential savings by replacing Government-owned sedans each year, GAO report, 12739

Geochemistry, geochemical reconnaissance of Cortez-Buckhorn area, southern Cortez Mountains, Nev., 12748

Geodesy, geodetic operations in U.S. and in other areas through international cooperation, 13117

Geodetics, *see* Geodesy.

Geographic Names Board, gazetteers, 12742

Geographical names:  
gazetteers, 12742

South Vietnam, standard place names, 12742

Geographical guide to summaries of plant quarantine import requirements of foreign countries, 11804

Geological Survey:  
bulletins, 12745-748

circular, 12749

professional papers, 12754-756

reports and maps released only in 1970 open files, 12749

research, 12756

water supply papers, 12759-765

Geology:  
contributions to economic geology (series), 12748

geologic and hydrologic effects of Handley event, Pahute Mesa, Nevada test site, 12750

geologic reconnaissance of proposed power site at Lake Grace, Revillagigedo Island, southeastern Alaska, 12748

Geological Survey research 1971, chap. B, 12756

geology of waterpower sites in Alaska (series), 12745

geomorphology and sediments of Inner Continental Shelf, Palm Beach to Cape Kennedy, Fla., 12577

of Panamint Butte quadrangle, Inyo County, Calif., 12747

*see also* Astrogeology.

Geomagnetism, *see* Terrestrial magnetism.

Geometry, collision, geometry formulae and application to collision, warning techniques, 11929

Geomorphology, *see* Geology.

Geophysics:  
solar-geophysical activity associated with major geomagnetic storm of Mar. 8, 1970, compilation of data, 12608

upper atmosphere geophysics, report UAG series, 12608

George Washington National Forest, soil association survey, 12717

Georgia, county business patterns, 12001

German language, programed introduction, 13270

Germany:  
Federal Republic—

education, financing program, agreement, 13274

plg iron, determination of injury, to U.S. industry, Tariff Commission report, 13294

Weest, *see*, above, Federal Republic.

GI loans, *see* Loans.

Gibson, A. E.:

remarks—

July 10, 1971, 12930

July 13, 1971, 12931

Gift tax, *see* Inheritance and transfer tax.

Gifts:

duty-free entry from servicemen in combat zones, report, 12184

Girls, expanding opportunities, special counseling needs, 13374

Giza, Richard, DHEW obligations to medical schools, 13105



# INDEX

- Glacial period, glaciated prairie region, classification of natural ponds and lakes, 13259
- Glacier Peak Wilderness, Mt. Baker and Wenatchee National Forests, recreation, weather, and seasons, etc., 12698
- Glanders, USSR study, 12856
- Glass, glass limit standards deposited at NBS for railway, highway and airways traffic signal colors, history, permanence, and colorimetric properties, 13068
- Glasser, John L., study of behavior of oil spills in Arctic, 12089
- Glen Canyon Dam, and powerplant technical record of design and construction, 13225
- Glen Canyon National Recreation Area, establish, report, 12378
- Glinz, Arvel, and wife, relief, 12338
- Gloves, gloves, mittens, and sleeves, Federal item identification guide, 12516
- Godfrey, J. T., effect of time ordering on Lyman  $\alpha$  profile, 13058
- Good vibes, Haight-Ashbury Children's Center, San Francisco, Calif., 12564
- Goodier, J. L., spill prevention techniques for hazardous polluting substances, inventory and survey of chemical facilities, 13346
- Goodman, John M., VHF Thomson scatter radar study of midlatitude ionosphere using Faraday effect, 13177
- Government:  
and non-Government organization, background and issues, White House Conference on Aging, 13369
- English and Federal Government, Federal textbook on citizenship, 12790
- Federal domestic assistance program, 1971 catalog, 12921
- Federal Government's excess automatic data processing equipment, opportunities to improve redistribution, GAO report, 12738
- Federal Management Improvement Conference proceedings, 12922
- Federal manpower management improved, examples, 12159
- financial management community (remarks), 13318
- reform, challenge (address), 12885
- research and development in local governments, 13151
- role in wage and price determination (remarks), 12091
- Government contracts:  
contract compliance, system can work, case study, 12055
- MILSCAP, military standard contract administration procedures, nongovernment organization codes, United States and Canada codes to name, 12490
- Renegotiation act of 1951, extend and amend, reports, 12176, 12261, 12437
- Service contract act of 1965, amend, hearings, 12290
- see also Contractors.
- Government life insurance, see Life Insurance.
- Government National Mortgage Association, financial statements, GAO examination, 12147, 12728
- Government offices:  
Legislative reorganization acts of 1946 and 1970 relating to operation of Senate, 12479
- Union recognition in Federal Government, statistical report and listings by agency, etc., 12068
- see also Government supplies.
- Government officials and employees:  
agency training centers for government employees, 12064
- bonding requirements for civilians and military employees, repeal, 12516
- employees training act, reporting requirement, amend U.S. Code, hearings, 12315
- Government officials and employees—Con.  
Federal civilian employee loyalty security program administration, hearings, 12300
- Federal employee facts, 12061
- Federal employee trained in nongovernment facility, reporting requirement by Civil Service Commission, repeal, report, 12250
- Federal employees, legislation enacted during 91st Congress, 12317
- health benefits program for Federal employees, highlights of option July 1960–June 1970, 12318
- Incentive awards program, 12061
- interagency training programs catalog, 12059
- prevailing rate pay system employees, equitable fixing and adjusting, report, 12253
- residing and working in D.C., should send their children to D.C. public schools, sense of Congress, hearing, 12281
- salary and retirement annuity increases of Federal classified and postal employees, 1945–71, together with current salary schedules, 12322
- union recognition in Federal Government, statistical report and listings, by agency of formal and exclusive recognitions and agreements under Executive order 11491, as of Nov. 1970, 12068
- Government Operations Committee, House:  
hearings, 12296–298
- reports, 12203, 12206
- Government Operations Committee, Senate:  
hearings, 12459
- report, 12424
- Government Printing Office, appropriations, 1972, legislative reports, 12177, 12419
- Government Procurement Commission:  
appropriations, 1972, report, 12218
- final report, extend date, report, 12424
- Government publications, price lists, Public Documents Department PL series, 13193–195
- see also subjects.
- Government reorganization plans, Legislative reorganization acts of 1946 and 1970 relating to operation of Senate, 12479
- Government securities, direct purchase by Federal reserve banks, extend authority, hearing, 12280
- Government supplies:  
automated supply system of Veterans Administration, opportunities for improving, GAO report, 12736
- Federal manual for supply cataloging format, content, and preparation of Federal supply catalog publications, 12491
- Federal standards, 12675–677
- Federal test method standards, 12677
- nongovernment organization codes for military standard contract administration procedures (MILSCAP), United States and Canada code to name, 12490
- see also Military supplies.
- Grace, Lake, Revillagigedo Island, Alaska, proposed power site, geologic reconnaissance, 12745
- Gradients (mathematics):  
radiation-induced embrittlement gradients on fracture characteristics of thick-walled pressure vessel steels, analysis, 13175
- Grain:  
feed grain bases, establish in lieu of sugar beet proportionate shares, hearings, 12263
- grain fumigants in silo-type elevator tanks by aeration systems, distribution, 11883
- trends in non-EC Western Europe 1960–70 report, 12690
- Grand Teton National Park, general information, 13138
- Grants, N. Mex., Flat Top uranium mine, structural and mineralogical characteristics, 11953



Grants-in-aid:

dropout prevention program, title 8, Elementary and secondary education act of 1965, manual for project applicants and grantees, 12570.  
Federal assistance and services for individuals and families during natural disasters, 12103.  
Federal funds for academic science, 13150.  
health research facilities construction program, message from President, annual report, 12139.  
manual for project applicants and grantees programs under Bilingual education act, title 7, ESEA, 12575.  
State maximums and other methods of limiting money payments to recipients of special types of public assistance, 13076.  
terminated research grants supported in field of nursing by Division of Nursing, NIH, list, 13110.  
*see also* subjects for which grants have been made.—also names of departments, etc.  
Graphic notices and supplemental data, airman's information manual, 12615.  
Grasshoppers, biblical plague, picture story, 11096.  
Gravity, satellite gravitational stabilization system with gyroscopic damping, conditions of stability, USSR study, 12857.  
Gravity waves, *see* Waves.  
Gray Point, British Columbia, construction of long range aid to navigation (Loran-A) station and sale of equipment, agreement with Canada, 13279.  
Great Lakes:  
light list and other marine aids, 12071.  
pilot, survey, 13116.  
United States and Canadian fleets, 12933.  
Great outdoors of USA, please come, invitation from people of U.S., 13329.  
Greece, Feb. 1971, staff report, 12455.  
Green Creek, Brazos River Basin, Tex., annual compilation and analysis of hydrologic data, 12743.  
Greene, Kenneth, relief, 12114, 12341.  
Greene, Stanley, 1970 census of population, alphabetical index of industries and occupations, 11978.  
Greenhouses, plastic covered, 11890.  
Greenland, tide tables, high and low water predictions, 13120.  
Grew, Gary W., lunar orbiter and meteoroid experiments, 13008.  
Gross, Edward, national air pollution potential forecast program, 13122.  
Ground support equipment, aircraft maintenance, servicing, and ground handling under extreme environmental conditions, 11944.  
Ground water, *see* Water.  
Grounding (electricity), *see* Electric currents.  
Grove, G. F. Jr., evaluation of Westinghouse capacitor discharge mobile X-ray machine, 13212.  
Growing camellias, 11876.  
Grunwald, Kalman J., experimental investigation of use of slotted test-section walls to reduce wall interference for high-lift model testing, 13012.  
GSA, *see* General Services Administration.  
Guadeloupe, economic trends and their implications for United States, 12823.  
Guam, nonvoting delegate to House of Representatives, provide, report, 12202.  
Guaranties and sureties, Government, guaranties of loans to business in emergencies, proposal (statement), 12668.  
Guidance systems, simplified manual guidance and kinesthetic attitude control in lightweight vehicles for lunar escape to orbit, fixed-base simulator investigation, 13015.

Gulfof, Robert F., transport and handling of carnations cut in bud stage, potential advantages, 11881.  
Gulf, *see* name of gulf or place where located.  
Gusts, *see* Winds.  
Gyroscopes, gyroscopic damping of satellite gravitational stabilization system, conditions of stability, USSR study, 12857.

H

Hall, J. Alfred, utilization of Douglas fir bark, 12720.  
Hall, Wayne E., geology of Panamint Butte quadrangle, Inyo County, Calif., 12747.  
Hand tools, powered and nonpowered, Federal item identification guide, 12517.  
Handbooks, *see* names of departments, etc., issuing handbooks—also subjects.  
Handcranks and handwheels, Federal item identification guide, 12518.  
Handicapped:  
children, 4 programs for educational services, 12572.  
Wagner-O'Day act amendments of 1971, law, 12118.  
Handwheels, Federal item identification guide, 12518.  
Hanford reactors, *see* Reactors (atomic).  
Hanks, C. L., semiconductor diodes, 12966.  
Hansen, Edward A., sediment in Michigan trout stream, its source, movement and some effects on fish habitat, 12711.  
Harbors, waterborne commerce, 1969 calendar year, 12600.  
Hard woods, *see* Hardwoods.  
Hardware, builders and cabinet, Federal item identification guide, 12519.  
Hardwoods, low-grade, make pallet parts and pulp chips, Sholo Mill, 12715.  
Harrison, R. W., refractory metal valves for 1900° F service in alkali metal systems, 12973.  
Harvey, Gale A., NASA LRC faint meteor spectra patrol, 13014.  
Harvey, John M., air transport of California strawberries, pallet covers to maintain modified atmospheres and reduce market losses, 11884.  
Haupt, Geraldine W., glass limit standards deposited at NBS for railway, highway and airways traffic signal colors, history, permanence and colorimetric properties, 13068.  
Hawaii:  
county business patterns, 12002.  
rehabilitation facilities, national directory, 13227.  
seven skipjack tuna fishing vessels, June-Aug., 1967, analysis of operations, 13115.  
Hazardous substances:  
hazardous polluting substances, spill prevention techniques, 13346.  
information sources for material safety data sheet, maritime safety data, 12891-892.  
mailing articles which present hazard to postal employees or mail processing machines, restrict, report, 12200.  
oil and hazardous substances program series, 13346.  
Head, face and eye protection, safety standards technical reference, 12893.  
Head Start Project, *see* Children.  
Headaches, hope through research, health information, 13199.  
Healing art, District of Columbia healing arts practice act of 1928, amend, report, 12196.  
Health:  
allied health manpower, accreditation and certification, 12765.

# INDEX

## Health—Continued

- Comprehensive health manpower training act of 1971, reports, 12102, 12211
- comprehensive planning and services, fact sheet, 12101
- facilities, principles of infection control, programmed course for housekeeping personnel, 12707
- Federal coal mine health and safety act of 1969, amend, hearings, 12289
- health care, improving quality, national drug code directory, 12682
- health facilities series, 12707
- health information series, 13198-200
- Health professions educational assistance act of 1963, amend, reports, 12109, 12210
- Indiana, health program, Public Health Service, 12771
- interview survey, current estimates, 13073
- maintenance organizations, concept and structure, 12770
- manpower legislation, 1971, hearings, 12408
- occupational, publications, price list, 13194
- professions educational assistance amendments of 1971—
- hearings, 12302-303
- report, 12439
- public—
- electronic products, radiation emission, control, administration and enforcement—
- annual report, 12144
- regulations, 13213
- protect, avoid economic loss (poster), Spanish edition, 12680
- State salary ranges of positions, 12067
- Public Health Service, grants, etc., funds 1970, research grants and contracts, 13108
- publications, price list, 13194
- research facilities construction program, annual report, 12139
- services, Neighborhood program for the poor administered by St. Luke's Hospital Center, NYC, opportunities for improving, GAO report, 12737
- statistics, data from National health survey, 13073
- treatment, and disease prevention, USSR study, 12862
- see also Mental health.
- Health, Education, and Welfare Department:
  - appropriations, 1972, report, 12230
  - medicaid and medicare patients, problems in providing proper care in skilled nursing homes, GAO report, 12740
  - obligations to medical schools for fiscal years 1967-69, for programs, etc., 13105
- Health Insurance:
  - Blue Cross plans, hearings, 12463
  - Federal employees health benefits program highlights of operation July 1960-June 1970, 12318
  - medicare—
  - medical insurance under social security, handbook, 13241
  - reimbursement for services in 1967, by age, race, and sex, 13237
  - national health insurance, brief outline of pending bills, 12453
  - social security rulings, 13240
  - statistics, HI series, 13237
- Health Services and Mental Health Administration:
  - community mental health centers program, improvements made in management, GAO report, 12725
  - emergency health, appropriations, 1972, report, 12218
- Hearing examiners, Trial Examiners Division, NLRB, public manual, 13111

- Heart, internal or external pacemakers, nursing care of patients, clinical conference, 13107
- Heat:
  - thermal response of high-density, phenolic-nylon on spacecraft launched by Pacemaker vehicle system, analysis, 13013
  - three balloon-type enclosures for thermal control of satellites, experimental investigation, 13004
  - see also Heat transfer.
- Heat transfer:
  - convective, rates on blunted 110° cone with hemispherical afterbody at hypersonic speeds, 13037
  - natural convection of heat transfer in boiling of metals, 13039
  - thermal radiation, radiation transfer with absorbing, emitting, and scattering media, 12982
  - transient response of ablating axisymmetric bodies including effects of shape change, numerical analysis, 13003
- Heating:
  - conservation of heating fuels, local housing authority management, guide, 12782
  - flight reentry, experiment at interplanetary return velocity, instrumentation requirements, 13007
  - induction heated plasma, low frequency and high pressure investigations, radiation measurements, 12968
- Helicopters:
  - development reliability test requirements, study results, 11950
  - pilot assist system for helicopters, analysis and design study, 11952
  - safety in and around, 12624
- Helogyro, structural dynamics, 12960
- Helmholtz equation, see Equations.
- Hemisphere, Northern, selected meridional cross sections of heights, temperatures and dew points, atlas, 13163
- Heroin:
  - Treasury's role in anti-heroin action program (statement), 13322
  - world problem, report, 12221
- Hershfield, David M., Agricultural Research Service, precipitation facilities and related studies, 11862
- Herszog, Elizabeth, families for black children, search for adoptive parents, experience survey, 12048
- HEW, see Health, Education, and Welfare Dept.
- Hey, Georgie, get yourself together, AVCO Day Care Center, Boston, Mass., 12565
- Hickey, William L., civil commitment of special categories of offenders, 13099
- High cost of hospitalization, 12463
- High frequency, see Load (mechanics).
- High schools, dropout prevention program, title 8, Elementary and secondary education act of 1965, manual for project applicants and grantees, 12570
- High speed ground transportation, see Railroads—Transportation.
- Higher education, see Colleges and universities.
- Highway construction, see Roads and highways.
- Highways, see Roads and highways.
- Hill, Charles J., estate relief, 12114, 12341
- Hinsch, Robert T., new shipping containers for fresh western cherries, 11882
- Hirsch, Charles J., traffic handling capacity of VORTAC system and means of increasing it in the future, 13289
- Historic sites, landmark buildings, proposed demolition, review, hearing, 12476
- History, American, publications, price list, 13193
- see also subjects.
- Ho, Ju-shuey, parasitic copepods of family Chondracanthidae from fishes of eastern North America, 13234

Hobbs, Horton, H., Jr., entocytherid ostracods of Mexico and Cuba, 13233  
 Hodgson, Allan S., test evaluation of 2,500 gpd seawater reverse osmosis unit, 12809  
 Hodgson, J. D.:  
     addresses, etc.—  
         June 16, 1971, 12886  
         June 22, 1971, 12885  
         July 6, 1971, 12884  
 Hoffman, Lawrence H., thrusting trajectory minimization program for orbital transfer maneuvers, 12999  
 Hogs, *see* Swine.  
 Hoists, hoisting equipment, Federal item identification guide, 12520  
 Holbrook, Wallace F., selling in Ivory Coast, 12096  
 Holders, electric and electronic bases, holders, and supports, Federal item identification guide, 12509  
 Holding companies, *see* Banks and banking.  
 Holography, and its application in aviation and cosmonautics, USSR study, 12851  
 Holzhauer, William L., fatigue failure of metal components as factor in civil aircraft accidents, 13159  
 Home canning of fruits and vegetables, 11875  
 Home economics, home and garden bulletins, 11875-879  
 Homemaking, *see* Home economics.  
 Homes:—  
     FHA—  
         insuring operations under sec. 203, 1069, data for States and selected areas, 12639  
         regulations, amendments, mortgage insurance, 12640-641  
         improvement loans, one of HUD's roles, FHA program, 12784  
         protecting shade trees during construction, 11877  
         something of our own, film, 12785  
 Hong Kong, economic trends and their implications for United States, 12830  
 Horonjeff, Richard D., digital computer program for computation of noise exposure forecast contours, 12622  
 Horses, wild horses on public lands, protect, manage, and control, report, 12434  
 Horticultural products, imports, composition, trends, sources, 12688  
 Hose, pipe and tube fittings, Federal item identification guide, 12512  
 Hospital apparatus and supplies:  
     hospital and medical bags, cases, covers, and pads, Federal item identification guide, 12521  
     hospital furniture, equipment, utensils, and supplies, Federal item identification guide, 12522  
 Hospital Insurance Trust Fund, *see* Board of Trustees of Federal Hospital Insurance Trust Fund.  
 Hospitals:  
     high cost of hospitalization, hearings, 12463  
     publications, price list, 13194  
 Hours of labor:  
     union—  
         building trades, 12910  
         local truckdrivers and helpers, 12909  
         printing industry, 12908  
 House Administration Committee, House, reports, 12164-169, 12185, 12224, 12232  
 House documents, 12134-147  
 House full of children, The Indian Tribe day care center, Fort Duchesne, Utah, 12566  
 House of Representatives:  
     appropriations, 1972, legislative, reports, 12177, 12238, 12419  
     documents, 12134-147  
     nonvoting delegate from Guam and Virgin Islands, report, 12202  
     prayers offered by Chaplain Edward Gardiner Latch, 89th, 90th, and 91st Congresses, 12134

House of Representatives—Continued  
     reports—  
         private bills, 12148-157  
         public bills, 12158-262  
         rules, 12321  
     House reports:  
         private bills, 12148-157  
         public bills, 12158-262  
 Household goods, District of Columbia, stored, warehouseman's lien, amend uniform commercial code, report, 12240  
 Households, 11 ways to reduce energy consumption and increase comfort in household-cooling, 13057  
     *see also* Families.  
 Housing:  
     abuses in Federal low and moderate income housing programs, investigation, hearing, print additional copies, report, 12164  
     census, 1970—  
         block statistics, 11963-964  
         microfiche order forms, 13155  
         final reports, data-collection forms and procedures—  
             microfiche order form, 13156  
             publications order form, 11994  
         general characteristics, Maine, 11968  
         general demographic trends for metropolitan areas, 11988-903  
         general housing characteristics, 11965-973  
         invaluable help rendered by NAACP (remarks), 12097  
     landlord-tenant relationships, selected bibliography, 12777  
     local housing authority management guide, 12778-782  
     low-rent—  
         financial management handbook transmittal, 12773  
         financing handbook, supp., 12775  
         statistical reporting handbook, supp., 12774  
     military family, operation and maintenance, better cost accounting needed, GAO report, 12724  
     production, demand, and suitable living environment, papers submitted to Subcommittee on Housing Panels, 12278  
 Housing and Urban Development Department:  
     appropriations, 1972—  
         report, 12227  
         waiving points of order, report, 12236  
     controls needed over leasing of land acquired under open-space land program, GAO report, 12726  
     HUD handbooks, 12772-776  
 Houston, Tex., Neighborhood Centers Day Care Association, study in child care, 12568  
 How can administration of justice be improved in United States, 12331  
 How foreign policy is made, 12368  
 Howard University, appropriations, 1972, reports, 12231, 12373  
 HUD, *see* Housing and Urban Development Department.  
 Hudson, Wayne R., superconducting properties of niobium films, 13030  
 Hughes, Lawrence A., temperature cycle of Lake Michigan, spring and summer, 13129  
 Human organism internal sphere simulation, USSR, 12873  
 Humanities, National Endowment for, *see* National Endowment for the Humanities.  
 Huntington's chorea, Huntington's disease (Huntington's chorea), hope through research, 13103  
 Huntington's disease, *see* Huntington's chorea.  
 Hurricanes:  
     after Camille, conservation recovery follows disaster in Virginia, 13243  
     safety rules, 13125

# INDEX

- Hurricanes—Continued  
survival in hurricane, general instructions, 13131
- Huss, Ralph E., records of Department of State relating to internal affairs of Persia, 13082
- Husel, Dieter K., design of liquid propellant rocket engines, 12961
- Hydraulic cylinders, see Cylinders.
- Hydraulic engineering, circulars, 12634
- Hydraulics:  
hydraulic design of stilling basin for pipe or channel outlets, 13224  
model studies, corrugated-metal pipe underdrain energy dissipators, 13222
- Hydroacoustics, see Sound.
- Hydrochloric acid, pickling of steel, limestone treatment of rinse waters used, 13357
- Hydrodynamics, oil retention boom hydrodynamics, studies, final report, 12076
- Hydroelectric power, see Electricity.
- Hydroelectric power plants, see Electric power plants.
- Hydrography, Jered model EHIT-30, hydrographic winch, ocean engineering technical manual, 12074
- Hydrology:  
contributions to hydrology of United States (series), 12764-765  
Geological Survey research, 12756  
hydrologic data—  
Green Creek, Brazos River Basin, Tex., compilation, 12743  
Kenai-Soldotna area, Alaska, 12752  
North Creek, Trinity River basin, Tex., 1969 annual compilation, 12744  
hydrologic effects of Handley event, Pahute Mesa, Nevada test site, 12750  
hydrologic measurements, satellite microwave sensing potential, 13127
- Hydrostatics, conical hydrostatic bearing, optimization for minimum friction, 13027
- Hygienists, see Industrial hygienists.
- Hyman, Aaron, human performance experimentation in night operations, technology and instrumentation for field research, 11947
- Hypersonic speed, see Air speed.
- I
- Iaccarina, Maria G., relief, 12149
- Iberall, A., general dynamics of physical-chemical systems in mammals, 12069
- ICC, see Interstate Commerce Commission.
- Idaho, climate, 12604
- Identification, trace metal detection technique in law enforcement, 12882
- If you're asked, 13230
- IFK, see Instrument flight rules.
- Illinois, county business patterns, 12003
- Image sensors, see Sensors.
- Images, television-type image sensors astronomical use, symposium proceedings, 12946
- Imhof, W. L., models of trapped radiation environment, v.7, long term time variations, 12988
- Immigration and Naturalization Service:  
annual report, 12783  
border patrol agent, examination announcement, amendment, 12057  
immigration inspectors, border patrol agent, examination announcement, amendment, 12057  
immigration patrol inspectors, see Immigration inspectors.
- Impedances, self and mutual acoustic radiation impedances for pistons in plane infinite rigid baffle, 13173
- Imperfection sensitivity of optimum structural designs for Mars entry capsule, 12967
- Implants, implantable biotelemetry systems, report, 12901
- Implements, utensils, etc., hospital utensils, Federal item identification guide, 12522
- Imports:  
general imports, commodity by world area, annual trade reports, 12040  
general imports, world area by commodity groupings, annual trade report, 12041  
TSUSA commodity by country, consumption and general quantity and value, annual trade report, 12042  
see also names or classes of articles imported.
- Improving quality of health care, 12682
- In Kyung Yi, see Yi, In Kyung.
- Incentive awards, see Rewards (prizes, etc.).
- Incineration:  
fluid bed incineration of petroleum refinery wastes, 13358  
radioactive solid wastes, report, 11956
- Income:  
low-income persons, credit unions, progress being made and difficulties encountered, GAO report, 12741  
marketing and low income consumer, bibliography, 12552  
sources and size of income of disabled, 13236  
tax returns, statistics, corporations, 12819  
Income tax returns, statistics, 12819  
Independence National Historical Park, interpretive prospectus, 13139  
Index-digests, index-digest supplement system, internal revenue bulletin, cumulative, 12816
- Indexes:  
aeronautical engineering, 12096-997  
code of Federal regulations, 12655  
court-martial reports, opinions cited, etc., 12492  
experimental input price indexes for Army research and development, 1961-65 fiscal years, 13149  
Industries and occupations, 1970 census, 11978  
nuclear science abstracts, annual, cumulative, corporate and personal authors, supplement, 11957  
Rehabilitation Services Administration, quarterly indices, 13229  
standard instrument approach procedures, 11920  
Indian Claims Commission, appropriations, 1972, report, 12280  
Indian School of Practical Nursing, Albuquerque, N. Mex., information for prospective students, 12769  
Indiana:  
census of population 1970, number of inhabitants, 11901  
internal revenue assessment lists, 1862-66, pamphlet to accompany microcopy, 13053  
Indians, health program, Public Health Service, 12771  
see also names of reservations or tribes.
- Indicator lights, lampholders, edge lights, and associated hardware, military standard, 12542
- Indochina, war related civilian problems, hearing, 12464
- Indonesia:  
aeronautical telecommunications in Southeast Asia, 13302  
finance, debt rescheduling under certain agricultural commodities, surplus property, and other agreements, 13276  
Induction heating, see Heating.
- Industrial College of Armed Forces, National Security Seminar, background readings, 12840  
Industrial diamonds, see Diamonds—Strategic materials.
- Industrial health, see Health.
- Industrial hygienists, Federal career opportunities, announcement, 12058  
Industrial products, see Commercial products.

- Industrial property, *see* Patents.  
Industrial relations:  
    Federal labor-management consultant (periodical), 12062  
    Labor-management relations act, amend, hearing, 12286  
Industrial waste, *see* Waste products.  
Industry:  
    day care services, industry's involvement, 13372  
    Index of industries and occupations, 1970 census, 11978  
    Influence of selected industry characteristics on negotiated settlements, 12894  
    Joint industry administered trust funds for product promotion, employer contributions, permit, hearing, 12286  
    wage surveys, 12905-907  
    *see also* names or types of industries.  
Infants:  
    more than just baby-sitting, Casper Day Care Center, Casper, Wyo., study in child care, 12567  
    premature baby, definition, description, etc., 12049  
Infection, principles of infection control in health facilities, programmed course for housekeeping personnel, 12767  
Inflation (finance), *see* Economic policy.  
Influenza, prophylaxis with amantadine and interferon, USSR study, 12871  
Information-cost evaluation of tactics of statement of diagnosis, USSR study, 12845  
Information services:  
    information sources for Material safety data sheet, maritime safety data, 12891-892  
    sources of information on American firms for international buyers, 12837  
Information storage and retrieval systems:  
    data retrieval language to handle generalized data base, DRL, preliminary design, 13071  
    information retrieval in field of chemistry, USSR study, 12869  
    officer personnel reporting system, NGB pamphlet, 13080  
    records management handbook, managing information retrieval, information retrieval systems, 13054  
Information theory, *see also* Computer science.  
Infrared rays, clear-column radiances using airborne infrared temperature profile radiometer measurements over partly cloudy areas, calculation, 13128  
Inheritance and transfer tax, IRS looseleaf regulations system, 12815  
Inland waterways, waterborne commerce, 1969 calendar year, 12600  
Inorganic compounds, inorganic sediment effect on stream biota, 13366  
Input-output analysis, *see* Linear programming.  
Insect pests, *see* Insects.  
Insecticides, *see* names of Insecticides.  
Insects:  
    control, stored rice, 11870  
    forest conditions in United States, 12693  
    inspecting airways, 12619  
Inspection (industrial), *see* names of articles, etc., inspected.  
Installations (military):  
    Air Force, civil engineering, programming, standard facility requirements, manual, 11907  
    defense disposal manual, 12493-495  
    defense scrap yard handbook, 12496  
Instead of court, diversion in juvenile justice, 13098  
Institute for Telecommunication Sciences, telecommunications research report, OT/ITSRR series, 12099-12100  
Institutions, institutional factors in civil aviation, contractor report, 13304  
Instructors, *see* Instrument flying.  
Instrument flight rules, IFR off-airway routes, 11919  
Instrument flying, instrument flight instructor, written test guide, 12620  
Instrument landing, *see* Landing (aircraft).  
Instrumentation:  
    human performance, experimentation in night operations, technology and instrumentation for field research, 11947  
    near flow field for tube vehicles, experimental investigation, 12632  
Instruments, instrument fact sheet IFS series, 13133  
    *see also* names and types of instruments.  
Insulation:  
    electrical insulating liquids, use and disposal, progress report, 13090  
    thermal, compilation 12995  
Insurance, Federal Housing Administration, insurance operations, examination of financial statements, GAO examination, 12142  
    *see also* names or types of insurance.  
Intake systems for desalting plants, 12813  
Integral equations, *see* Equations.  
Integration, *see* Race problems.  
Interagency training program, *see* Government officials and employees.  
Interest and usury, interest rates, credit flows and money aggregates since 1964, 12662  
Interest rates, *see* Interest and usury.  
Interferon, influenza prophylaxis with amantadine and interferon, USSR study, 12871  
Intergovernmental relations, multijurisdictional planning areas, in U.S., 12553  
Interior and Insular Affairs Committee, House:  
    hearing, 12299  
    report, 12158, 12163, 12202, 12219  
Interior and Insular Affairs Committee, Senate:  
    hearings, 12460-461  
    reports, 12367-372, 12378-380, 12420-421, 12423, 12428, 12434  
Interior Department:  
    appropriations, 1972, report, 12290  
    saline water research and development progress reports, 12798-813  
Intermodalism, *see* Containerization.  
Internal revenue:  
    assessment lists, Indiana, 1862-66, pamphlet to accompany microcopy, 13057  
    internal revenue bulletin, cumulative index-digest supplement system, 12816  
    *see also* Taxation.  
Internal Revenue Service:  
    career opportunities, international taxation, 12817  
    looseleaf regulations system, estate and gift tax, 12815  
    regulations governing practice of attorneys, certified public accountants and enrolled agents, 13312  
Internal Security Committee, House, hearings, 12300  
International agreements:  
    treaties and other international agreements, 13282  
    wheat, 1971, hearings, 12456  
International boundary study, 13271  
International cooperation, geodetic operations in U.S. and in other areas, 13117  
International finance:  
    two key issues of monetary policy (remarks), 12671-672  
    why elements of international monetary program are being questioned (remarks), 13319  
International postal service, postage rates and fees, general information, 13328  
International relations:  
    current foreign policy, Congress, the President and war powers, 13269  
    current, ideological struggle USSR study, 12842



# INDEX

International relations—Continued  
foreign affairs aspects of Federal research,  
need for improved review and coordination  
by State Dept., and other agencies,  
GAO report, 12734  
foreign policy of PRC, USSR study, 12860  
general foreign policy series, 12268-269  
how foreign policy is made, 12268  
Vietnam, ending U.S. involvement in war,  
current foreign policy, 13267  
International Statistical Training and Work-  
shop Office, series ISP 3, 12038  
International trade, *see* Commerce.  
Interparliamentary Union, conference, re-  
port of U.S. delegation to meeting, 12457  
Interstate agreements, District of Columbia,  
on qualification of educational personnel,  
report, 12251  
Interstate and Foreign Commerce Com-  
mittee, House:  
committee print, 12300  
hearings, 12301-8  
reports, 12189, 12191-193, 12262  
Interstate Commerce Commission:  
appropriations, 1972—  
hearings, 12269  
report, 12259  
Interstate trucking, *see* Motortrucks in  
freight service.  
Inventories, naval shipyards, excesses and  
improvements made GAO report 12733  
Inventors applicants for inventors' certi-  
ficates or patents priority rights in other  
countries, international agreement im-  
plement, report, 12190  
Investments:  
evaluating revised to provide additional  
information, NCRETURN computer pro-  
gram, 12794  
foreign direct investment regulations,  
1971 program, 12691  
funds, financial management, local hous-  
ing authority management guide, 12778  
Japan's trade and investment policies as  
they relate to U.S. (address), 12086  
world trade and investment issues, hear-  
ings, 12452  
Inyo County, Calif. geology, Panamint Butte  
quadrangle, 12747  
Inyo National Forest, Forest of Ancient  
Bristlecone Pines, guide, 12700  
Ionisation, scattering from weakly ionized  
plasma, Thomson's theory, 13028  
Ionizing radiation, applications in plastics  
and polymer technology, 12548  
Ionosphere:  
anisotropic, wave hop propagation pro-  
gram, 12009  
barium releases at altitudes between 200  
and 1000 kilometers for charting mag-  
netic fields, 12087  
ionospheric effects, possibly from internal  
gravity waves, upon total electron con-  
tent during solar eclipse of Mar. 7, 1970,  
11927  
midlatitude, VHF Thomson scatter radar  
study using Faraday effect, 13177  
Ions, mobility in aqueous solutions, investi-  
gation, 12800  
Iowa:  
census of population 1970, number of in-  
habitants, 11982  
water resources data, 12757  
Iowa Indians:  
Oklahoma, Kansas, and Nebraska tribes,  
judgement funds, disposition—  
law, 12119  
report, 12369  
Ips beetles, *see* Beetles.  
Iraq, Saudi Arabia boundary study, 13271  
Ireland, Burdge, salinity of surface water in  
lower Colorado River, Salton Sea area,  
12754  
Iridium, disposal from national stockpile, re-  
port, 12392  
Irradiation, *see* Neutrons.

Irrigation, operators' workshop, 1970, lec-  
ture notes, 13218  
IRS, *see* Internal Revenue Service.  
Isotopes development program, AEC author-  
izing legislation, 1972, hearings, 12132  
ISP series, *see* International Statistical  
Training and Workshop Office.  
ITS, *see* Institute for Telecommunication  
Sciences.  
Ivory coast, selling in Ivory Coast, 12006

## J

Jack, Homer W., industry wage survey,  
banking, 12906  
Jackson, Constance, teacher's guide to mini-  
gardens, 11897  
Jamaica, economic trends and their impli-  
cations for United States, 12821  
James River and Valley, N. Dak., soil survey,  
13247  
Jamestown National Historic Site, general  
information, 13140  
Japan:  
economic trends and their implications  
for United States, 12081  
foreign trade regulations, 12093  
trade and investment policies as they re-  
late to U.S. (address), 12086  
Jet aircraft, *see* Aircraft.  
Jet engines, *see* Engines (aircraft).  
Jets:  
correlation of secondary sonic and super-  
sonic gaseous jet penetration into  
supersonic crowds, 13026  
study of structure of jet turbulence  
producing jet noise, 12975  
Job Evaluation and Pay Review Task Force,  
Civil Service Commission, interim pro-  
gress report, 12320  
Job performance, *see* Work.  
Jobs, *see* Civil service—Employment—Occu-  
pations.  
Johnson, Charles B., simple integral method  
for calculation of real-gas turbulent  
boundary layers with variable edge  
entropy, 13001  
Joint electronics type designation system,  
12339  
Joint Publications Research Service, JPRS  
series, 12842-878  
Jones, Mildred V., wool statistics and re-  
lated data, 1930-69, supplement, 11899  
Jones, Owen W., mineral industry of Texas,  
12942  
Jones, R. G., soil survey, Keokuk County,  
Ia., 13246  
Jones, William R., Jr., friction and wear of  
poly(amide-imide), polyimide, and pyr-  
rone polymers at 260°C (500°F) in dry  
air, 13020  
Jordan, economic trends and their impli-  
cations for United States, 12835  
Jucu, George, and wife, relief, 12358  
Judge Advocate General, Air Force, report,  
12489  
Judge Advocate General, Army, report, 12489  
Judge Advocate General, Navy, report, 12489  
Judge Advocates General of Armed Forces,  
court-martial reports, opinions cited, etc.,  
citators and index, 12492  
Judicial Conference of United States:  
proceedings—  
departmental editions, 11858-859  
document edition, 12145  
Judicial procedure, *see* Civil procedure.  
Judiciary, *see* Courts of United States.  
Judiciary Committee, House:  
hearing, 12316-311  
reports, 12148-156, 12160, 12162, 12190,  
12200-1, 12204  
Judiciary Committee, Senate:  
hearings, 12462-464  
investigations and studies criminal laws  
and procedures, hearings, print addi-  
tional copies, report, 12168



Judiciary Committee, Senate—Continued reports, 12337-358, 12365, 12381-385, 12414-415

Julien, Larry M., density-gradient technique for obtaining wood and bark chip density, 12705

Juneau, Alaska: Mendenhall River, flood plain information, 12856 vicinity— Lemon Creek, floods, 12591 Mendenhall River, floods, 12592 Jung Ok Park, *see* Park, Jung Ok

Jury, administration of justice, how it can be improved by changing the jury system, collection of excerpts and bibliographies, 12331

Justice: administration, how it can be improved by changing the jury system, collection of excerpts and bibliographies, 12331 diversion in juvenile justice, instead of court, 13098

Justice Department: appropriations, 1972, report, 12220 opinions of Attorney General, 12881 register, 12883

Juvenile courts, instead of court, diversion in juvenile justice, 13098

Juvenile delinquency: crime and delinquency issues, monograph series, 13098-99 delinquency today, guide for community action, 13375 investigation and study and resulting legislation, report, 12383-385 prevention and control act, of 1968, extend— law, 12121 reports, 12214, 12415

Juveniles, *see* Youth.

# K

Kaiser Aluminum and Chemical Sales Co., Inc., Kaiser production aluminum honeycomb landing mat, evaluation, 12602

Kalkwarf, Paul D., Lake Casitas general recreation development plan, report, 13141

Kaplan, Irving, area handbook for Ethiopia, 11939

Kappus, H. P., experimental investigation of high amplitude panel flutter, 12976

Kaweah River and Valley, floods of Dec. 1966, 12759

Keefe, Eugene K., area handbook for Cyprus, 11938

Keehn, Frederick E., relief, 12340

Kenai, Alaska, hydrologic data of Kenai-Soldotna area, 12752

Kennedy, Marjorie D., confectionery manufacturers' sales and distribution, 12550

Kentucky, county business patterns, 12004

Keokuk County, Ia., soil survey, 13246

Kepier's laws, *see* Orbits

Kern County, Calif., floods of Dec. 1966, 12759

Kern River and Valley, floods of Dec. 1966, 12759

Keynton, Robert J., longitudinal stability characteristics of preliminary configurations for Scout D at Mach numbers 0.20 to 4.63, 13095

Kidneys, *see* also Artificial kidneys.

Kidwell, C. C., annual compilation and analysis of hydrologic data for North Creek, Trinity River basin, Texas, 12744

Kim, Dah Mi, relief, 12151

Kinesthesia, kinesthetic attitude control and simplified manual guidance in lightweight vehicles for lunar escape to orbit fixed-base simulator investigation, 13015

Kits, medical and dental assemblies, kits, sets, and units, Federal item identification guide, 12524

Kleier, Frank M., Canadian regulation of pension plans, 12887

Kline, Richard J., flexible, spiral-reinforced ventilation tubing, system pressure loss tables for selection of fan, 12948

Kondrat'yev, K. Ya., thermal sensing of atmosphere from satellites, 13040

Koopman, E. C., open-channel integrating-type flow meter, 12753

Koopmann, Gary, model studies of Helmholtz resonances in rooms with windows and doorways, 12963

Korea, economic trends and their implications for the United States, 12828

Kremen, S. S., reverse osmosis membrane module (spiral-wound concept), 12811

Krueger, Keatha K., 4th annual contractors' conference of artificial kidney program of National Institute of Arthritis and Metabolic Diseases, proceedings, 13091

Kwok Kwen Ng, *see* Ng, Kwok Kwen.

Kuru, bibliography, 13102

Kyanite, kyanite-mullite, disposal from national stockpile, report, 12410

Kyung Jo Min, *see* Min, Kyung Jo.

Kyung, Sook Min, *see* Min, Kyung Sook.

# L

L series, 12052-53

Labels, imported fabrics, cleaning instructions labeling, hearings, 12305

Labor: capacitors and semiconductors, former workers of Sprague Electric Company plants, how imports affect them, Tariff Commission report, 13291 job bank using computer to bring people and jobs together, 12889 labor's role in civil preparedness, 12053 manpower posture in the 70's, 12911 monthly labor review, reprint, 12912 new directions (address), 12886 pipe organs production and maintenance workers of M. P. Moller, Inc. how imports affect them, Tariff Commission report, 13295 years for decision, labor market experience of young women, 12890 *see also* Manpower.

Labor and Public Welfare Committee, Senate: committee print, 12465 hearings, 12441, 12466, 12468-470 reports, 12362, 12364, 12412, 12425, 12439-440

Labor consultants, *see* Consultants.

Labor Department: bargaining table, labor market, and workplace problems (address), 12884 safety training programs, technical reference, LS series, 12893

Labor disputes: railway labor management dispute, 1971, temporary strike prohibition— hearing, 12306 report, 12364

Labor force, *see* Labor.

Labor-management relations act, *see* Industrial relations.

Labor markets, *see* Labor Department.

Labor relations, *see* Industrial relations.

Labor standards: Fair labor standards act— Puerto Rico, minimum wage rates, 13339 young farm workers, 13338

Labor Statistics Bureau: BLS report series, 12894 bulletins, 12895-910 publications, list, 12913 regional reports, Middle Atlantic region, 12914

Labor unions, recognition in Federal Government, statistical report and listings by agency, etc., 12068

# INDEX

- Laboratories, floating laboratory for study of aquatic organisms and their environment, 13112
- Lakes, natural lakes in glaciated prairie region, classification, 13259  
*see also* names of lakes or places where located.
- LaLonde, Robert T., aquatic plant chemistry, its application to water pollution control, 13381
- Laminated materials, polybenzimidazole billets, laminates and cylinders, study and production, 12958
- Laminated root rot of Douglas fir, 12694
- La Moure County, N Dak., soil survey, 13247
- Lamp holders, indicator lights, edge lights, and associated hardware, military standard, 12542
- Land, controls needed over leasing of land acquired under open-space land program, Housing and Urban Development Department, GAO report, 12726
- Land Management Bureau:  
 design prospectus for Fairbanks District Office, site and survey layout, 12917  
 recreation and wildlife on BLM lands—Utah, central, 12916  
 Utah, southwest, 12919  
 Utah, west central, 12920
- Land policy, *see* Land.
- Landfills, *see* Refuse.
- Landing (aircraft):  
 standard instrument approach procedures, index, 11920
- Landing strips, *see* Runways (aeronautics).
- Landlords and tenants, relationships, selected bibliography, 12777
- Landmarks, *see* Historic sites.
- Lane, Donald F., relief, 12342
- Language and languages, Bilingual education act, title 7, ESSEA, programs manual for project applicants and grantees, 12575  
*see also* names of languages.
- Laos:  
 aeronautical telecommunications in Southeast Asia, 13302  
 northern, bombing operations, directing Secretary of State to furnish to House certain information, adverse reports, 12246, 12249
- Laramie County, Wyo., Boxelder Creek watershed work plan, 12251
- Larceny, cargo thefts, trucking industry, hearings, 12481
- Larimer County, Colo., Boxelder Creek watershed work plan, 13251
- Larson, Wilbur, broadband noncontacting sliding short, 13072
- Las Vegas, Nev., census of housing, 1970, block statistics, 11964
- Latch, Edward G., prayers offered in House of Representatives, 80th, 90th, and 91st Congresses, 12134
- Lategola, Michael T., comparison of status variables among accident and non-accident airmen from active airman population, 11959
- Latitude, airborne meteor observations at high latitudes, 13016
- Launch vehicle, *see* Spacecraft.
- Laundry and laundries:  
 home laundering, soaps and detergents, 11879  
 imported fabrics, require label containing laundering instructions, hearing, 12305
- Law:  
 how our laws are made, print additional copies, report, 12166  
 slip laws (private), 91st Congress, 12113-114  
 slip laws (public), 91st Congress, 12115-131  
*see also* Criminal law—subjects.
- Law enforcement:  
 equal employment opportunity enforcement, procedures, hearings, 12285  
 State and local, national forests, improve, report, 12174  
 trace metal detection technique, 12882
- Law Enforcement Assistant Administration:  
 activities, 12880  
 grants and contracts, 12880  
 PR series 12882
- Laws, *see* Codes of law—Law—also subjects.
- Lawyers:  
 judge advocates and law specialist officers for Armed Forces, procurement and retention, amend U.S. Code, hearing, 12273  
 regulations governing practice before Internal Revenue Service, 12312
- Laycock, John N., relief of estate, 12359
- LEAA, *see* Law Enforcement Assistance Administration.
- Leadership, patriotism and school of experience (remarks), 12645
- Leases, controls needed over leasing of land acquired under open-space land program, Housing and Urban Development Department, GAO report, 12726
- Leather, hides and skins, *see* names of manufactured articles.
- Lee, Homer Q., unified formalism for position determination from various navigation measurements, 13035
- Legal Services Corporation, establish, hearing, 12283
- Legislation for Nation's Capital, report on activities in 91st Congress, 12450  
*see also* law—also subjects.
- Legislative appropriations, *see* Appropriations.
- Legislative reorganization act, *see* Congress.
- Lehmer, Donald J., introduction to middle Missouri archeology, 13134
- Lekanof, Flore, relief, 12351
- Lemert, Edwin M., instead of court, diversion in juvenile justice, 13098
- Lemon Creek, in vicinity of Juneau, Alaska, floods, 12591
- Levy, Ernest, relief, 12114, 12341
- Lewis, Bernard, testimony, hearing, 12459
- Lewis, Royce R., soil survey of Stevens County, Minn., 13249
- Liability (law), *see* Claims.
- Ljapunov method, algorithm for Ljapunov stability analysis of complex nonlinear systems with applications to orbiting astronomical observatory, 12959
- Libraries, *see* names of libraries.
- Library of Congress, appropriations, 1972, legislative, reports, 12177, 12288, 12419
- Licenses, hydroelectric projects on Middle Snake River, prohibit, report 12428
- Lien, District of Columbia, warehouseman's lien on stored household goods, amend uniform commercial code, report, 12240
- Life insurance:  
 national service and government life insurance, refund life income and monthly installment options for payment of cash surrender values and matured endowments, 13337  
 VA insurance programs, operation, review hearings, 12327
- Lift (aerodynamics):  
 slotted test-section walls to reduce wall interference for high-lift model testing, experimental investigation, 13012  
 use of aerodynamic lift for application to high speed ground transportation, 12654
- Light:  
 flashes produced by scintillating xenon arc flash tube, properties, 12075

- enforce-  
2285  
improve,  
12882  
ministra-
- Law—also
- ist officers  
nt and re-  
hearing,
- before In-  
12359  
Assistance  
of experi-  
ing of land  
at Depart-  
names of  
a for pos-  
a naviga-  
lish, hear-  
report on  
12450  
Appropria-  
Congress,  
to middle  
urt, diver-  
au, Alaska,  
41  
g, 12459  
of Stevens
- Liapunov  
nonlinear  
orbiting as-
- s,  
ions, 1972,  
258, 12419  
on Middle  
12428  
houseman's  
ods, amend  
rt, 12240  
ent life in-  
ent monthly  
ent of cash  
red endow-  
tion, review
- uce wall in-  
del testing,  
13012  
plication to  
ation, 12054  
ting xenon  
075
- Light—Continued  
light-catalyzed chlorine oxidation for  
treatment of wastewater, 13364  
Light lists, *see* Lights and lighting.  
Lights and lighting:  
associated, lampholders, indicator lights,  
edge lights, military standard, 12542  
Coast Guard list—  
Great Lakes, 12071.  
Mississippi River system, 12072  
railway, highway and airways traffic sig-  
nal colors, history, permanence, and  
colorimetric properties, glass limit  
standards deposited at NBS, 13068  
Lime, David W., factors influencing camp-  
ground use in Superior National Forest,  
Minn., 12712  
Limestone, treatment of rinse waters from  
hydrochloric acid pickling of steel, 13357  
Lincoln, J. Virginia, data on solar-geophy-  
sical activity associated with major geo-  
magnetic storm of Mar. 8, 1970, 12608  
Lindblad, Bertil-Anders, two computerized  
stream searches among meteor orbits,  
13231  
Lindemuth, William T., studies of oil reten-  
tion boom hydrodynamics, final report,  
12076  
Lindsey, Jefferson F., biomedical research  
and computer application in manned space  
flight, report, 12990  
Linear equations, *see* Equations.  
Linear programming, experimental input price  
indexes for Army research and develop-  
ment, 1961-65 fiscal years, 13149  
Lint, *see* Cotton.  
Liquefied gases, *see* Gases.  
Liquid fuels, fuels, liquid and solid, Federal  
item identification guide, 12513  
Liquid propellants, *see* Propellants.  
Liquids, electrical insulating, use and dis-  
posal, progress report, 13090  
Lishka, R. J., water physics, 13340  
Lists, *see* subjects—also names of depart-  
ments, etc., issuing lists.  
Littman, Mark S., social and economic char-  
acteristics of population in metropolitan  
and nonmetropolitan areas, 12032  
Livestock:  
protection against pesticides and CBR  
agents, USSR study, 12867  
statistics, 1970, supplement, 11898  
stock-water supplies, methods of develop-  
ing from wells in northeastern Gar-  
field County, Mont., 12764  
*see also* Cattle.  
Load (mechanics):  
airfield pavement requirements for mul-  
tiple wheel heavy gear loads, 13287  
dynamic loads in high-frequency direct-  
stress fatigue machine, determination,  
13070  
Loans:  
business, bank rates, revised series, 12657  
emergency loan guarantees to major busi-  
ness enterprises (statement), 13320  
emergency loans, 11891  
Federal Housing Administration, home im-  
provement program, one of HUD's roles,  
12784  
Government guarantees of loans to busi-  
ness in emergencies, proposal (state-  
ment), 12668  
veterans' direct loans, VA to sell under  
prevailing mortgage market conditions,  
authorize, report, 12228  
veterans, guaranteed and direct, questions  
and answers, 13336  
Local governments, *see* Government.  
Locusts, *see* Cicadas.  
Logging, *see* Lumbering.  
Logistics, engineer's reference and logisti-  
cal data, Army field manual, 11933  
Long range aid to navigation, *see* Loran.  
Longitudinal stability, *see* Stability of  
aircraft.
- Loran, long range aid to navigation (Loran-  
A), sale of equipment and construction of  
station at Gray Point, agreement with  
Canada, 13279  
Los Angeles County, Calif., Teacher Corps  
program at University of Southern Cali-  
fornia and participating schools, assess-  
ment, GAO report, 12722  
Loss, F. J., analysis of radiation-induced em-  
brittlement gradients on fracture charac-  
teristics of thick-walled pressure vessel  
steels, 13175  
Louisiana:  
census of population and housing, 1970,  
general demographic trends for metro-  
politan areas, 11989  
county business patterns, 12005  
mineral industry, minerals yearbook chap-  
ter, 12941  
Lown-Salvage Shoe Corp., Auburn, Maine,  
women's leather shoes, Tariff Commis-  
sion report, 13300  
Loyalty, Federal civilian employee loyalty  
security program, administration, hear-  
ings, 12306  
Lubricants, fluorinated ether lubricant at  
cryogenic temperature of 170 K (305° R)  
used on rolling elements in determining ef-  
fects of contact angle on fatigue life,  
13025  
Lukas, J. S., effects on muscle tension and  
tracking task performance of simulated  
sonic booms with low and high intensity  
vibrational components, 12964  
Lumber:  
highway construction use factor, 12631  
millwork, plywood, and veneer, Federal  
item identification guide, 12523  
Lumbering, sawmilling and logging, West  
Coast, industry wage survey, 12907  
Lunar escape devices, *see* Spacecraft  
modules.  
Lunar modules, *see* Spacecraft modules.  
Lunar Orbiter, *see* Spacecraft.  
Lunches, *see* School lunches.  
Lundgren, Allen L., NCRTRN computer  
program for evaluating investments, re-  
vised to provide additional information,  
12704  
Lutz, G. J., activation analysis, bibliography,  
13067  
Lykes Bros., history of the firm and its con-  
tribution to American merchant fleet (re-  
marks), 12930  
Lyman series, effect of time ordering on Ly-  
man  $\alpha$  profile, 13055  
Lynn, James T.:  
addresses—  
June 16, 1971, 12088  
June 25, 1971.
- M
- M. P. Moller, Inc., pipe organs, production  
and maintenance workers, Tariff Com-  
mission report, 13295  
Ma, Yut Fung, relief, 12357  
Maabs, Howard G., oxidation rate at high  
temperatures, reaction-rate control or  
transport control, 13017  
McCarthy, Robert D., thermophysical prop-  
erties of oxygen from freezing liquid line  
to 600 R for pressure to 5000 Paia, 13066  
McClure, Allison T., foreign trade regulations  
of Uruguay, 12095  
McConnell, Dudley G., formation and propa-  
gation of shock wave from concave  
boundary, 13018  
McCormick, Charles T., evaluation of Kaiser  
production aluminum honeycomb landing  
mat, 12602  
McCutcheon, Keith B., Marine Corps, place  
in grade of general on retirement, 12113  
McGee, Gale W.:  
study mission to Central and East Africa,  
12334  
print as Senate document, report, 12416

# INDEX

- Mach numbers, longitudinal stability characteristics of preliminary configurations for Scout D at Mach numbers 0.20 to 4.63, 13005
- Machinery:  
controls and associated equipment, Federal item identification guide, 12503  
electrical rotating machinery, Federal item identification guide, 12510  
repairman I & C, rate training manual, 13171  
*see also* names or types of machinery.
- Machines, *see* Machinery.
- McKay Creek:  
Pendleton, Oreg., and vicinity—  
flood plain information, 12588  
floods, 12589
- McLellan, Robert:  
addresses—  
June 15, 1971, 12087  
July 14, 1971, 12086
- MacNeal, Richard H., structural dynamics of the heliogyro, 12960
- McNeil, Ferne M., land conveyance to, report, 12420
- Magnesium:  
disposal from national stockpile, report, 12407  
mill products, current industrial reports, 12024
- Magnetic amplifiers, *see* Amplifiers.
- Magnetic fields, earth's barium releases at altitudes between 200 and 1000 kilometers for determining, 12887
- Magnetic tape, NBS secondary standard magnetic tape (computer amplitude reference) SRM 3200 calibration using reference tape amplitude measurement process A model 2, 13060
- Magnetism, *see* Terrestrial magnetism.
- Magnetos, distributors and magnetos, ignition, Federal item identification guide, 12508
- Magnetosphere, dynamics of radiation belts of the earth, 13041
- Mail matter:  
mailing articles which present hazard to postal employees or mail processing machines, restrict, report, 12200  
military assistance program directory, 12546  
MILSTRIP, change, 12547  
obscene, define term with respect to matter mailed, reports, 12205, 12235  
10-cent international surface mail postal card (poster), 13326
- Maine, census of housing, 1970, general characteristics, 11968
- Maintenance:  
system maintenance of commissioned airways, program evaluation conducted in Alaska, report, 12623  
underground utilities, local housing authority management guide, 12779
- Maisel, Sherman J.:  
remarks—  
Apr. 22, 1971, 12658  
July 11, 1971, 12664
- Malaria, surveillance, 1970 annual report, 12045
- Malawi, economic trends and their implications for United States, 12836
- Malaysia, aeronautical telecommunications in Southeast Asia, 13302
- Mammals, general dynamics of physical-chemical systems, 12969
- Man:  
and automatic systems, bioelectrical control, USSR study, 12850  
human organism internal sphere stimulation, USSR study, 12873  
water, man, and nature, announcement of future symposium, 13226
- Man-in-space, *see* Outer space.
- Management:  
acquisition: management, statement of work preparation, guide, 11910  
contractor data management, management of contractor data, 11911  
Federal Management Improvement Conference, proceedings, 12922  
resource management, opportunities, 12918  
*see also* Administrative management—  
Planning.  
Management consultants, *see* Consultants.  
Managers, military program management, introduction, 12536  
*see also* Program managers.  
Managing family forest, 11874  
Manganese, metallurgical grade, disposal from national and supplemental stockpiles, report, 12394  
Manganese dioxide, synthetic, battery grade, disposal from national stockpile, report, 12395
- Manipulation errors in computer solution of critical size structural equations, 12965
- Manjikian, S., evaluation of cellulose acetate membrane properties as related to system configuration, 12807
- Manned spacecraft, *see* Spacecraft.
- Manners and customs:  
diplomatic social usage, guide for U.S. representatives and their families abroad, 13266  
social and economic characteristics of population in metropolitan and non-metropolitan areas, 1970 and 1960, statistics, 12032
- Manpower:  
Comprehensive health manpower training act of 1971, reports, 12192, 12211  
Federal executive management, improve, proposal, recommendations of the President, 12319  
health manpower legislation, 1971, hearings, 12468  
management improved in Federal Government, examples, 12159  
posture in the 70's, 12911  
research monograph, 12890  
scientific and technical manpower requirements of selected segments of atomic energy field, 11958
- Manuals, *see* names of departments, etc., issuing manuals—also subjects.
- Manufacturers, *see* Manufacturers and manufacturers.
- Manufactures and manufacturers:  
annual survey of manufactures, 11962  
value of shipments by classes of products, 11962  
census, 1967, final subject reports, publications order form, 11976  
census, 1970—  
special reports, 11974  
subject statistics, 11975  
concentration ratio in manufacturing employment, payrolls, capital expenditures, etc., 11974  
manufacturing industry, U.S. Metric Study, interim report, 13063  
materials sciences and manufacturing, reference earth orbital research and applications investigations, blue book, 13048  
nongovernment organization codes for military standard contract administration procedures (MILSCAP) United States and Canada, code to name, 12490  
wage differences among manufacturing establishments, 12912  
*see also* names of manufactured articles.
- Manufacturing, *see* Manufactures and manufacturers.
- Manures, *see* Fertilizers.
- Manuscripts, manuscript register series, 12925-928
- MAP (military assistance program), *see* Military aid.

**Maple:**  
 rooting sugar maple softwood cuttings in-  
 individual tree differences confound effects  
 of growth regulators, 12710  
 sugar maple tapping near old tapholes,  
 12709  
 Mapping, *see* Maps and charts.  
 Maps and charts:  
 lunar terrain mapping and relative-rough-  
 ness analysis, 12755  
 New Florencia, case study for 1970 cen-  
 suses of population and housing, ad-  
 ministrative requirements and mapping,  
 12038  
 reports and maps of Geological Survey re-  
 leased only in 1970 open files, 12749  
 March, Kenneth L., relief, 12114, 12341  
 Margolis, Richard J., who will wear the  
 badge? study of minority recruitment ef-  
 forts in protective services, report of  
 Commission on Civil Rights, 12054  
 Marihuana, marijuana control, Champaign  
 County, Ill., report, 12309  
 Marijuana, *see* Marihuana.  
 Marine Corps:  
 Fleet Marine Force manual FMFM series,  
 12923-924  
 McCutcheon, Keith B., place in grade of  
 general on retirement, 12113  
 officers—  
 appoint to grade of general, report,  
 12198  
 candidates program, provide subsistence  
 allowances for members, hearings,  
 12272  
 troop leaders guide, 12923  
*see also* Armed Forces.  
 Marine Corps Museum:  
 manuscript register series, 12925-928  
 register of papers—  
 Miller, Samuel, 12926  
 Reid, George C., 12927  
 Tilton, McLane, 12925  
 Twigg, Levi, 12928  
 Marine engineering, ocean engineering re-  
 ports, 12073  
 Marine environment, *see* Environment.  
 Marine troop leaders guide, 12923  
 Maring, Gary E., weekend recreational travel  
 patterns, 12652  
 Marion, Ark., motor carrier accident, 12957  
 Maritime Administration:  
 appropriations, 1972, authorization, re-  
 ports, 12223, 12430  
 SP series, 12930-931  
 Maritime industry, *see* Merchant marine.  
 Maritime safety data for shipyards, 12891-  
 892  
 Mark, Gordon G., managing family forest,  
 11874  
 Market diseases of apples, pears, and quinces,  
 11871  
 Marketing, *see* Markets and marketing.  
 Markets and marketing:  
 marketing and low income consumer,  
 bibliography, 12552  
 marketing research reports, 11881-885  
 selling in Ivory Coast, 12096  
*see also* names of commodities, etc.,  
 marketed.  
 Marking:  
 electrical and electronic parts, military  
 standard, notice, 12540  
 shipment and storage, military standard,  
 12537  
 Marks, Burton S., study and production of  
 polybenzimidazole billets, laminates, and  
 cylinders, 12958  
 Marks, Kathryn J., United States and  
 Canadian Great Lakes fleets, 12933  
 Marland, S. P., Jr., address, June 17, 1971,  
 12562  
 Mars (planet):  
 imperfection sensitivity of optimum struc-  
 tural designs for Mars entry capsule,  
 12967

Mars (planet)—Continued  
 simulated Martian mission, effects on  
 mechanical properties of dacron para-  
 chute material, 13006  
 Marshall, Robert T., flight-determined ac-  
 celeration and climb performance of  
 F-104G airplane for use in optimum-  
 flight-path computer program, 13034  
 Marshall, William F., diesel emissions re-  
 inventoried, 12947  
 Martin, John M., delinquency today, guide  
 for community action, 13375  
 Martinique, economic trends and their impli-  
 cations for United States, 12823  
 Maryland:  
 county business patterns, 12006  
 pollution of Potomac River interstate  
 waters, Washington, D.C. metropolitan  
 area, conference proceedings, progress  
 meeting, 13348  
 water resources, development by Engi-  
 neers Corps, Army, 12595  
 Massachusetts:  
 census of population 1970, number of in-  
 habitants, 11953  
 census of population and housing, 1970,  
 general demographic trends for metro-  
 politan areas, 11990  
 Connecticut River basin, comprehensive  
 study, supplement, inventory of poten-  
 tial upstream reservoir sites, 11873  
 Massachusetts Institute of Technology, sum-  
 mary of research on technology of high  
 speed ground transport, 12653  
 Massey, B. C., annual compilation and analy-  
 sis of hydrologic data for Green Creek,  
 Brazos River Basin, Tex., 12743  
 Massey, Calvin L., Arizona 5-spined ips,  
 12666  
 Materials:  
 consumed, 1967 census of manufactures,  
 11975  
 nuclear program, AEC authorizing legisla-  
 tion, 1972, hearings, 12132  
 sciences and manufacturing, reference  
 earth orbital research and applications  
 investigations, blue book, 13048  
*see also* names of materials.  
 Materials handling:  
 Army technical manual, change, 11945  
 compilation, 12994  
 Mathematical models, *see* Mathematics.  
 Mathematicians, Army, 16th conference  
 transactions, 11931  
 Mathematics:  
 algorithm for Liapunov stability analysis  
 of complex nonlinear systems with ap-  
 plication to orbiting astronomical ob-  
 servatory, 12959  
 main direction of mathematical modeling  
 in microbiology, USSR study, 12859  
 mathematical model—  
 cumulus cloud activity, one-dimensional  
 quasi-time-dependent, 11930  
 for evaluating priority lane operations  
 on freeways, 12636  
 on meromorphic functions with 3 almost  
 linear values, 13176  
*see also* Equations—Numerical calcula-  
 tions—Thomson processes.  
 Mats, landing mats, evaluation of Kaiser  
 production aluminum honeycomb, 12602  
 Mattresses, current industrial reports, 12025  
 Maunabo, P.R., Maunabo River, flood plain  
 information, 12585  
 Maunabo River, vicinity of Maunabo, Puerto  
 Rico, flood plain information, 12585  
 McClusky, Howard Y., education, back-  
 ground paper, White House Conference on  
 Aging, 13368  
 Meals, *see* Food.  
 Measurements:  
 measurement technology, compilation,  
 12992



# INDEX

- Measurements—Continued  
standard samples issued in USSR, standard reference materials, 13061  
see also subject of measurements.
- Measures, *see* Metric system.
- Measuring instruments:  
craftsmen's measuring tools, Federal item identification guide, 12505  
measurement technology, compilation, 12992
- Measuring tools, *see* Measuring instruments.
- Meat:  
and poultry inspection program, program issuances, 12484  
Federal meat inspection act, amend, hearing, 12443  
imports, agreement with—  
Dominican Republic, 13277  
New Zealand, 13273  
inspection, cooperative Federal-State program, hearing, 12443  
statistics, 1970, supplement, 11898
- Meat packing plants, *see* Packing industry.
- Mechanical engineers, Veterans Administration careers, 13334
- Mechanical fans, flexible, spiral-reinforced circular ventilation tubing, system pressure loss tables for selection, 12948
- Mechanics (persons):  
aviation structural mechanics H 3 & 2, rate training manual, 13165
- Medicaid, *see* Medical assistance.
- Medical and dental support, 12924
- Medical apparatus, *see* Medical instruments and apparatus.
- Medical assistance, medicaid, patients in skilled nursing homes, problems in providing proper care, GAO report, 12740
- Medical care:  
D.C. police and firemen retired for total disability, payment of medical expenses, 12197  
medical support, Fleet Marine Force manual, 12924
- Medicare—  
annual report, 12146  
medical insurance under social security, handbook, 13241  
patients in skilled nursing homes, problems in providing proper care, GAO report, 12740  
reimbursement for services in 1967 by age, race, and sex, 13237  
public assistance programs, medical vendor payments, recipients, etc., 13075  
publications, price list, 13194  
VA medical programs, operation, funding and legislation, hearings, 12326
- Medical Department, Navy, manual, changes, 12936-937
- Medical education, *see* Education.
- Medical institutions, *see* Hospitals.
- Medical instruments and apparatus:  
medical and dental assemblies, kits, sets, and units, Federal item identification guide, 12524  
medical and surgical instruments, equipment, and supplies, Federal item identification guide, 12525  
X-ray equipment and supplies, Federal item identification guide, 12535
- Medical insurance, *see* Health insurance.
- Medical schools:  
DHEW obligations, for 1967-69 fiscal years, 13105  
State, Veterans Administration to establish, assistance, report, 12241
- Medical services, *see* Medical care.
- Medical supplies, hospital and medical bags, cases, covers and pads, Federal item identification guide, 12521
- Medicare, *see* Health insurance—Medical care.
- Medicine:  
aviation medical report AM series, 11959-960
- Medicine—Continued  
nuclear program, AEC authorizing legislation, 1972, hearings, 12132  
VA medical information exchange program, extend authority, report, 12229
- Medicines, *see* Drugs.
- Meiners, Alfred F., light-catalyzed chlorine oxidation for treatment of wastewater, 13364
- Meisburger, Edward P., geomorphology and sediments of inner Continental Shelf, Palm Beach to Cape Kennedy, Fla., 12577
- Mellor, Malcolm, strength and deformability of rocks at low temperatures, 12578
- Melosh, R. J., manipulation errors in computer solution of critical size structural equations, 12965
- Membranes:  
advanced reverse osmosis module systems, 12904  
cellulose acetate properties as related to system configuration, evaluation, 12807  
new and ultrathin, for municipal wastewater treatment by reverse osmosis, 13365  
reconstituted cell membranes, study of permeability and transport properties, 12805  
reverse osmosis module, (spiral-wound concept), 12811  
development and testing, 12812  
improvement, 12810  
2,500 gpd seawater reverse osmosis unit, test evaluation, 12809  
thin-liquid-film membrane device for reverse osmosis, development, 12808  
ultrathin reverse osmosis, development for desalination, 12803
- Memorial services:  
Dawson, William L., 12109  
Rivers, L. Mendel, 12103
- Memorials, *see* names of persons to whom memorials are erected.
- Memphis, Tenn., Mississippi River and tributaries in district, stages and discharges, 12595
- Mendenhall River and Valley:  
Juneau, Alaska—  
flood plain information, 12586  
foods, 12592
- Mensing, Arthur E., investigation of use of vortex flow to separate oil from oil-water mixture, final report, 12077
- Mental health:  
child mental health—  
ad hoc committee report, 13097  
National Institute of Mental Health program, reports, 13100  
State salary ranges of positions, 12067
- Mental health centers, *see* Mental institutions.
- Mental institutions, community mental health centers program improvements needed in management, Health Services and Mental Health Administration, GAO report, 12725
- Mental tests, *see* Performance tests (human).
- Mentally ill, special categories of offenders, civil commitment, 13099
- Menus, planning guide for breakfast at school, 12685
- Merchandise, *see* Commercial products.
- Merchant marine:  
act of 1936, and related acts, as amended through 91st Congress, 2d session, compilation, 12314  
intermodal container services offered by U.S. flag operators, 12929  
maritime industry work stoppages, changes in problems and solutions (remarks), 12646  
United States and Canadian Great Lakes fleets, 12933



**Merchant Marine and Fisheries Committee,**

House:  
hearings, 12312-313  
reports, 12237, 12243

Merchant ships, *see* Ships.  
Meriweather, L. S., study of permeability and transport properties of reconstituted cell membranes, 12805

**Metals:**

boiling of metals, natural convection heat transfer, 13039  
common wood and metal repair, technical manual, 11943  
fatigue failure of metal components as factor in civil aircraft accidents, 13159  
preliminary separation from urban refuse, 12953  
recovery of phosphates and metals from waste phosphate sludge by reduction-sintering processes, 12950  
refractory metal valves for 1900° F service in alkali metal systems, 12973  
scrap, temporary suspension of duties, continue—  
law, 12129  
reports, 12182, 12436

trace metal detection technique in law enforcement, 12882

Meteoroids, *see* Meteors.

Meteorology, SAROAD (storage and retrieval of aerometric data), users manual, 11918

**Meteors:**

airborne observations at high latitudes, 13016  
lunar orbiter and meteoroid experiments, description and results from 5 spacecraft, 13008  
NASA LRC faint meteor spectra patrol, 13014  
two computerized stream searches among meteor orbits, 13231

Meters, gas, climate sealing requirement in District of Columbia, report, 12194

Methodology, philosophical-methodological problems of systems approach, USSR study, 12865

**Metric system:**

U.S. Metric Study report—  
engineering standards, 13064  
manufacturing industry, 13063

**Mexico:**

additional land acquired from, cede jurisdiction to Texas, consent of Congress—  
law, 12125  
report, 12414

background notes, 13262

chicken eggs in the shell from Mexico, determination of no injury to U.S. industry, Tariff Commission report, 13293

entocytherid ostracods, 13233

Mexico, Gulf of, oceanological investigations, USSR study, 12849

Mi Ok Noh, *see* Noh, Mi Ok

Mica, disposal from national and supplemental stockpiles, report, 12393

Michigan, trout stream, sediment, its source, movement, and some effects on fish habitat, 12711

**Michigan, Lake:**

pollution, Lake Michigan and its tributary basin, conference proceedings, 13344  
temperature cycle, spring and summer, 13129

Microbiology, main direction of mathematical modeling, USSR study, 12859

Microfilm, National Archives publications, pamphlet accompanying, 13051-53

Micronesian Claims Commission, establish, report, 12188

**Microwaves:**

broadband noncontacting sliding short, 13072

**Microwaves—Continued**

satellite microwave sensing, potential for hydrology and oceanography measurements, 13127

Middle Snake River, hydroelectric projects licensing, prohibit, report, 12428

Middleton, David B., fixed-base simulator investigation of lightweight vehicles for lunar escape to orbit with kinesthetic attitude control and simplified manual guidance, 13016

Migrant labor, we come with the dust and we go with the wind, Pasco, Wash., study in child care, 12569

Migratory grasshoppers, *see* Grasshoppers.

Mikolaj, Paul G., free vortex recovery of floating oil, concept feasibility study, 12078

**Military aid:**

Foreign assistance act of 1971, hearings, 12292

military assistance program address directory, 12546

MILSTRIP, change, 12547

military assistance training in east and southeast Asia, staff report, 12298

Vietnamization, Navy style, to help an ally stand on his own, 13165A

Military Appeals Court, *see* Court of Military Appeals.

Military art and science, research of military operations, USSR study, 12843

Military assistance, *see* Military aid.

Military education, military assistance training in east and southeast Asia, staff report, 12293

Military equipment, *see* Military supplies.

Military housing, *see* Housing.

Military operations, *see* Military art and science.

Military police, operations within Army divisions and separate brigades, 11984

Military research, Defense Department research, development test and evaluation, 1972, authorization, hearings, 12445

Military standards, *see* Standards and standardization.

Military supplies:

defense disposal manual, 12493-495  
determining Army major equipment needs, problems and suggestions for improvements, GAO report, 12727

Federal manual for supply cataloging format, content, and preparation of Federal supply catalog publications, 12491

long missing Government-owned materials in Vietnam still unaccounted for, GAO review, 12729

MILSTRIP, military standard requisitioning and issue procedures, 12546

change, 12547

procurement, appropriations, 1972, authorization, 12445

Military training, *see* Military education.

Milk, products, composition, Federal and State standards, 11869

Miller, Richard G., relief, 12350

Miller, Robert A., computer program for economic evaluations of underground bituminous coal mines, 12940

Miller, Samuel, papers in Marine Corps Museum, 1814-56, register, 12926

Millwork, Federal item identification guide, 12523

Milner, Esther C., relief, 12148

MILSCAP (military standard contract administration procedures), *see* Government contracts.

MILSTRIP (military standard requisitioning and issue procedures), *see* Military supplies.

Min, Kyung Jo, relief, 12155, 12352

Min, Kyung Sook, relief, 12155, 12352

Minam River Canyon, designate certain lands as wilderness area, report, 12367

# INDEX

- Mine accidents, transportation accidents in bituminous coal mines, causes and prevention, 12939
- Mine safety, *see* Safety of life.
- Mine ventilation:
  - face ventilation in underground bituminous coal mines, supplement, 12948
  - flexible, spiral-reinforced circular tubing, system pressure loss tables for selection of fan, 12948
- Minerals:
  - facts and problems, 12938
  - industries, census, 1967, industry statistics, 11977
  - industry, minerals yearbook chapter—Louisiana, 12941
  - Texas, 12942
- Mines and mining, mineral facts and problems, 12938
  - see also* Coal mines and mining—also names of metals or minerals mined.
- Mines Bureau:
  - bulletin, 12938
  - information circulars, 12939-940
  - report of investigations, 12944-952
- Minnesota:
  - county business patterns, 12007
  - Superior National Forests, factors influencing campground use, 12712
- Minnesota River, oil spills, report for 1962-63 winter season, 13206
- Minorities:
  - enterprise, evaluation of progress (remarks), 12097
  - minority construction contractors, survey, 12786
  - social security benefits and earnings of minority groups in covered employment, 13238
  - students in San Francisco and Berkeley, Calif., equal educational opportunity hearings, 12451
  - who will wear the badge? minority recruitment efforts in protective services, study, 12054
- Minors, *see* Child labor.
- Mint Bureau, annual report, 12964
- Miscellaneous chemical specialties 12526
- Missiles:
  - flight reentry heating experiment at interplanetary return velocity, instrumentation requirements, 13007
  - SAFEGUARD antiballistic missile system appropriations, 1972, hearings, 12267.
- Mississippi:
  - census of population, 1970, number of inhabitants, 11984
  - county business patterns, 12008
- Mississippi River and Valley:
  - light list and other marine aids, 12072
  - Mississippi River and tributaries, stages and discharges, Memphis district, 12595
  - oil spills, winter 1962-63 report, 13205
  - upper, drainage basin, cooperative State Federal report on water pollution, 13210
- Missouri:
  - congressional districts, 92d Congress, 11996
  - county business patterns, 12009
  - middle, archeology, introduction, 13134
- Missouri Basin Inter-Agency Committee, annual programing report, 1971-73, fiscal years, 12965
- Missouri River and Valley:
  - central, main stem reservoir effects on water quality, 13201
  - central Missouri River water quality investigation—
    - 1964, report, 13196
    - 1965, review draft, 13197
  - drainage basin, comprehensive program for control of water pollution, 13209
  - lower basin, water pollution investigation, cooperative State-Federal report, 13208
- Missouri River Basin project, *see* Pick-Sloan Missouri Basin program.
- MIT, *see* Massachusetts Institute of Technology.
- Mitten, Federal Item Identification guide, 12518
- Mobility:
  - ion in aqueous solutions, investigation, 12800
- Mobley, Thomas C.:
  - union wages and hours—
    - local truckdrivers and helpers, 12900
    - printing industry, 12908
- Model cities, *see* Cities and towns.
- Model Secondary School for the Deaf, appropriations, 1972, reports, 12231, 12373
- Modeling, mathematical, main direction in microbiology, USSR study, 12859
- Models (structural):
  - simple model atoms, consideration for argon discharge calculations, 13031
- Modules, *see* Electronic modules.
- Moisture, diffusion and copolymerization of polyacrylic acid in nylon 66 fibers to achieve improved thermal protection and higher moisture regain, 11936
- Moldavian Soviet Socialist Republic, Moldavian regulation on state prizes, USSR study, 12854
- Molds (forms):
  - new casting methods, USSR study, 12876
- Molecular dynamics of polar gas rotational relaxation, 13022
- Molybdenum, sintered tungsten, molybdenum, and cobalt-molybdenum impregnated with fluoride eutectic, friction and wear, 13023
- Monetary policy, *see* Money.
- Monetary problems, *see* Money.
- Money:
  - Federal reserve monetary policy and credit allocation, improvement of system (remarks), 12658
  - monetary aggregates since 1964, 12662
  - State maximums and other methods of limiting money payments of recipients of special types of public assistance, 13076
  - two key issues of monetary policy (remarks), 12671-672
- Montana:
  - census of housing 1970, general housing characteristics, 11969
  - climate, 12605
- Moon:
  - Apollo 10 photography and visual observations, analysis, 12983
  - lunar terrain mapping and relative-roughness analysis, 12755
  - on the moon with Apollo 15, guidebook to Hadley Rille and Apennine Mts., 13043
- Moore's Creek National Park, battle of Moore's Creek Bridge, description, etc., 13135
- Moratorium, killing of whales, report, 12431
- Mortality, *see* Death.
- Mortgage insurance:
  - FHA homes, regulations, amendments, 12640-642
  - FHA project regulations, amendments, 12643-644
- Mortgages, development of uniform conventional mortgage form, Federal National Mortgage Association and Federal Home Loan Mortgage Corporation, public meetings, proceedings, print as Senate document, report, 12376
- Morton, Rogers, C. B., remarks, June 14, 1971, 12796
- Motion, *see* Vortex, motion.
- Motion pictures:
  - demeaning ethnic, racial or religious groups, producers to adhere to code of ethics, hearings, 13501
  - five films, space in the 70's, new series, announcement and description, 13049
  - something of our own, film on homes, 12785

Motor buses, *see* Motorbuses.  
 Motor carriers, class 1 and 2, cost of transporting freight, general commodities by regions or territories, 12838  
 Motor fuel, *see* Gasolines.  
 Motor vehicle accidents:  
   airport transport bus, automobile collision, Dulles Airport access road, highway accident, report, 13160  
   highway accident reports, 13160  
 Investigations—  
   end over end rollover followed by fire (driver ejected), 13084  
   multidisciplinary summaries, 13087  
   MV/pickup, intersection collision, 13085  
   one/car ran off roadway, rollover, 13086  
   motor carrier accident investigation reports, 12956-957  
   multidisciplinary accident investigations, DOT HS series, 13083-86  
 Motor vehicles:  
   diagnostic centers, executive summary final report, 13082  
   motor equipment activities management by District of Columbia Government improvements needed, GAO report, 12732  
   motor vehicle and traffic safety, bibliography, 13056  
   relationship between vehicle defects and crashes, annotated bibliography, 13083  
 Motorboats, Coast Guard Auxiliary examination program courtesy examiners handbook, 12070  
 Motorbuses:  
   airport transport bus, automobile collision, Dulles Airport access road, 13160  
   bus width limitations on interstate system, increase, report, 12260  
   District of Columbia, fares for school children, extend subsidy, hearings, 12282  
 Motortruck drivers, local truckdrivers and helpers, union wages and hours, 12909  
 Motortrucks in freight service:  
   review of urban goods movement studies, 12633  
   trucking industry, cargo thefts, hearings, 12481  
 Mount Baker National Forest, Glacier Peak Wilderness, recreation, weather and seasons, etc., 12698  
 Muehlte, kyanite-mullite, disposal from national stockpile, report, 12410  
 Multidisciplinary accident investigations, DOT HS series, 13083-86  
 Multijurisdictional planning areas in U.S., 12553  
 Multiplexing, voice orderwire multiplex, long haul communications standards, equipment technical design standards, military standard, 12538  
 Murphree, E. Lille, Jr., airfield pavement systems, 12581  
 Murrmann, R. P., composition and mass spectra of impurities in military grade TNT vapor, 12580  
 Muscles, effects on muscle tension and tracking task performance of simulated sonic booms with low and high-intensity vibrational components, 12964  
 Muscular dystrophy, hope through research, Spanish edition, 13200  
 Musillo, Anthony, collision geometry formulae and application to collision warning techniques, 11929

N

N.A.T.O., *see* North Atlantic Treaty Organization.  
 NAACP, *see* National Association for the Advancement of Colored People.  
 NASA, *see* National Aeronautics and Space Administration.  
 Natick Laboratories, Natick, Mass., technical report, 11936

National Advisory Council on Equality of Educational Opportunity, establish, report, 12362  
 National Aeronautics and Space Administration:  
   appropriations, 1972—  
     hearings, 12270  
     report, 12227  
     waiving points of order, report, 12236  
   contractor report CR (series), 12958-980  
   facilities acquisition, hearing, 12325  
   SP series, 12981-998  
   space tools and equipment, potential, list, 12961  
   technical notes, 12999-13037  
   technical reports, 13038  
   technical translations, 13039-42  
 National Aeronautics and Space Council:  
   appropriations, 1972—  
     hearings, 12270  
     report, 12227  
     waiving points of order, report, 12236  
 National Archives:  
   Federal population and mortality census schedules, 1790-1890, outline of lecture on their availability, content and use, 13055  
   microfilm publications, pamphlet accompanying, 13051-53  
 National Archives and Records Service:  
   general information leaflets, 13050  
   special lists, 13055  
 National Association for the Advancement of Colored People, invaluable help rendered in making 1970 census of population and housing successful (remarks), 12097  
 NATO, *see* North Atlantic Treaty Organization.  
 National Boating Safety Advisory Council, establish, reports, 12243, 12254  
 National Bureau of Standards:  
   frequency and time broadcast services, radio stations WWV, WWVH, WWVB, and WWVL, 13059  
   monograph, 13058  
   special publications, 13050-65  
   standard reference materials—  
     calibration of standard secondary standard magnetic tape (computer amplitude reference) SRM 3200 using reference tape amplitude measurement process A model 2, 13060  
     standard samples issued in USSR, 13061  
   technical notes, 13066-72  
 National Capital Planning Commission, appropriations, 1972, report, 12230  
 National Capital region, *see* District of Columbia.  
 National Commission on Reform of Federal Criminal Laws, report, hearings, print additional copies, report, 12360  
 National Council of Negro Women, erect memorial for Mary McLeod Bethune in D.C., extend time limit authorization, report, 12232  
 National Council on Indian Opportunity, appropriations, 1972, report, 12230  
 National defense, publications, price list, 13195  
   *see also* War and emergency powers.  
 National economy, *see* Economic conditions.  
 National Endowment for the Humanities, program announcement, 1971-72, information for applicants, 13078  
 National Forest Reservation Commission:  
   annual report, 12333  
   print as Senate document, report, 12374  
 National forests:  
   Pacific Northwest, 1970 report, 12701  
   preparing resort development plans, Rocky Mountain Region, guide, 12699  
   system, law enforcement, State and local, improve, report, 12174  
   *see also* names of forests.

# INDEX

- National Foundation on the Arts and the Humanities, appropriations, 1972, report, 12230
- National Gallery of Art, brief guide, 13079
- National Guard:
- Army—
  - 13080
  - officer personnel reporting system, register, 13081
  - members—
  - contributory negligence claims, apply local law, report, 12160
  - erroneous payments of pay or allowances, waiver of claims, report, 12162
- National Guard Bureau, pamphlet, 13080
- National health insurance, brief outline of pending bills, 12453
- National Health Manpower Commission, establish, hearings, 12302-303
- National health survey, vital and health statistics, 13073
- National Institute of Arthritis and Metabolic Diseases:
- artificial kidney-control uremia research and development program, opportunities for participation, 13092
  - artificial kidney program, 4th annual contractors' conference, proceedings, 13091
- National Institute on Alcohol Abuse and Alcoholism, general information, 13101
- National Institutes of Health:
- Nursing Division, terminated research grants supported in field of nursing, list, 13110
  - Research Resources Division, programs, improving institutional and resources development on biomedical sciences, 13106
- National Labor Relations Board, Trial Examiners Division, public manual, 13111
- National Marine Fisheries Service:
- circular, 13112
  - special scientific reports, fisheries series, 13114-116
- National Meteorological Center, ESSA technical memorandum, WBTM NMC series, 13122
- National monuments and memorials. *see* names of monuments or memorials.
- National Moon Walk Day, designate, report, 12351
- National Oceanic and Atmospheric Administration:
- publications, announcement, 13126
  - technical memorandums, 13127-129
  - technical reports, 13130
- National Oceanographic Data Center, highlights, 1961-70, 13132
- National Oceanographic Instrumentation Center, instrument fact sheet IFS series, 13133
- National Park Service, anthropological papers, 13134
- National parks. *see* names of parks.
- National Railway Labor Conference, railway labor-management dispute, 1971, temporary strike prohibition, hearing, 12306
- National Science Foundation:
- appropriations, 1972—
  - hearings, 1227, 1247
  - reports, 1227, 12425
  - waiving points of order, report, 12236
- National security, investigations, program direction and administration, etc., AEC authorizing legislation, 1972, hearings, 12133
- National Security Seminar, background readings, 12940
- National service life insurance, *see* Life insurance.
- National study of social welfare and rehabilitation workers, work, and organizational contexts, 13235
- National Technical Institute for the Deaf, appropriations, 1972, reports, 12231, 12373
- National Transportation Safety Board:
- appropriations, 1972—
  - hearings, 12269
  - report, 12259
- National Weather Service, NOAA technical memorandum, NWS CR series, 13129
- Natural gas, *see* Gas.
- Natural resources:
- conservation and development through Service programs, 12716
  - potentials for outdoor recreational development, appraisal, Culebrinas District, Spanish edition, 13245
  - resource management, opportunities, 12918
  - resource publications, 13259
- Naturalization:
- becoming a citizen series, our American way of life, 12789
  - candidates, English and Federal Government, Federal textbook on citizenship, 12790
- Nature, water, man, and nature, announcement of future symposium, 13226
- Naval education, rate training manuals, 13166-167, 13170-172
- Naval Oceanographic Office, publication, 13164
- Naval Personnel Bureau, manual, change, 13169
- Naval Research Laboratory:
- 1970 review, 13105
  - report series, 13173-184
- Naval vessels, *see* Ships.
- Navigation:
- aids, Coast Guard list—
  - Great Lakes, 12071
  - Mississippi River system, 12072
  - communications/navigation, reference earth orbital research and applications investigations, blue book, 13047
  - navigable waters of Dade County, Fla., and tributaries, embayments and coastal waters conference proceedings, 13341
  - unified formalism for position determination from various navigation measurements, 13035
- Navy:
- rate training manuals, 13166-167, 13170-172
  - Vietnamization. Navy style, to help an ally stand on his own, 13165A
  - see also* Armed Forces.
- Navy Department, inventories at naval shipyards, excesses and improvements made, GAO report, 12733
- NCNW. *see* National Council of Negro Women.
- NCRETURN computer program for evaluating investments revised to provide additional information, 12704
- Nebraska:
- census of population 1970, number of inhabitants, 11985
  - county business patterns, 12010
- Negotiation:
- international, with Soviet Union, process and problems, hearings, 12459
  - negotiated settlements, how influenced by selected industry characteristics, 12894
- Negroes:
- black children, families for, search for adoptive parents, experience survey, 12048
  - census of population, 1970, distribution by county, 11987
- Neighborhoods, model, measures of living quality, 12776
- Nerves, neural net simulation, USSR study, 12877

Nesemeier, Dale C., relief, 12337

Neurons, *see* Nerves.

Neutrons:

- monoenergetic neutrons in a slab with infinite reflectors, solution of initial-value problem in linear transport theory, 13038

- neutron irradiation embrittlement of pressure-vessel steels and weldments, major factors affecting, 13174

Nevada:

- rehabilitation facilities, national directory, 13227

- test site, geologic and hydrologic effects of Handley event, Pahute Mesa, 12750

New Florencia, case study for 1970 censuses of population and housing, 12038

New Hampshire:

- congressional districts, 92d Congress, 11997

- Connecticut River basin, comprehensive study, supplement, inventory of potential upstream reservoir sites, 11873

New Jersey, county business patterns, 12011

New Mexico:

- census of housing 1970, general housing characteristics, 11970

- census of population and housing, 1970, general demographic trends for metropolitan areas, 11991

New York State:

- congressional district, 92d Congress, atlas, errata, 11995

- professional, administrative and technical pay, 12914

New Zealand, meat imports into U.S., trade agreement, 13273

Newman, Perry A., solution of initial-value problem in linear transport theory, monoenergetic neutrons in a slab with infinite reflectors, 13038

Newman, Sidney H., research and training opportunities for psychologists in population area, 13093

Newsletters, research in psychology, Veterans Administration Center, 13333

Ng, Kwok Kwen, relief, 12356

Nicks, Oran W., this Island Earth, 12984

Nigeria, economic trends and their implications for United States, 12825

Night vision, *see* Sight.NINDS, *see* National Institute of Neurological Diseases and Stroke.

Niobium, films, superconducting properties, 13030

NLRB, *see* National Labor Relations Board.Noctilucent clouds, *see* Clouds.

Noh, Mi Ok, relief, 12152

Noise:

- airport, community reaction, 12962

- exposure forecast contours, digital computer program for computation, 12622

- jet engine noise data from subsonic aircraft, 12621

- noise generating mechanisms in supersonic jet exhaust flow, analytical properties, 12979

- study of structure of jet turbulence producing jet noise, 12975

- see also* Sonic boom.

Noise Abatement Office, report FAA-NO series, 12622

Nominations, *see* names of persons.

Nonlinear acoustic theory for porous materials, 13000

Nonlinear theories, sensitivity of optimal nonlinear systems, method for reducing to parameter uncertainty, 13002

Nonmetals, preliminary separation from urban refuse, 12953

NORAD, *see* North American Air Defense Command.

Nordquist, Walter S., Jr., one-dimensional quasi-time-dependent numerical model of cumulus cloud activity, 11930

Norfolk and Western Ry., accident report, 13214

North America:

- east coast, including Greenland, tide tables, high and low water predictions, 13120

- fishes, parasitic copepods to family Chondracanthidae, 13234

North American Air Defense Command, ADC and NORAD Commanders, general information, 12839

North Atlantic Treaty Organization, doing business with NATO, how U.S. companies can participate, etc., 12551

North Carolina:

- census of population and housing, 1970, general demographic trends for metropolitan areas, 11992

- county business patterns, 12012

North Creek, Trinity River basin, Tex., 1969 annual compilation and analysis of hydrologic data, 12744

North Dakota, county business patterns, 12013

North Platte River:

- survey, Torrington, Wyo. to Bridgeport, Nebr., report, 13204

- supplemental survey report, 13203

Northern Hemisphere, *see* Hemisphere, Northern.

Northern Marketing and Nutrition Research Division, publications and patents, 11865

Northwest (U.S.):

- national forests in Pacific Northwest, 1970 report, 12701

Notes, *see* Treasury notes.

Nozzles:

- high-temperature radial turbine, design and experimental evaluation, 11951

- simplex and dual-orifice fuel nozzles, with ambient and heated fuel in annular turbojet combustor, comparison, 13021

NSF, *see* National Science Foundation.NSLI, *see* Life Insurance.Nuclear energy, *see* Atomic energy.

Nuclear explosions, protection from penetrating radiation, USSR study, 12866

Nuclear medicine, *see* Medicine.Nuclear power, *see* Atomic energy.

Nuclear reactor powerplants, Beloyarsk

- Nuclear Power Plant reactors, determination of limiting capacity evaporation channels, USSR study, 12863

Nuclear rockets, *see* Rockets.

Nuclear science:

- abstracts, index, annual cumulative, corporate and personal authors, supplement, 11957

- scientific and technical manpower requirements of selected segments of atomic energy field, 11958

Nuclear weapons, *see* Weapons.

Numerical calculations:

- argon discharge calculations, consideration of simple model atoms, 13031

- calculation of clear-column radiances using airborne infrared temperature profile radiometer measurements, over partly cloudy areas, 13128

- computational studies of 3-dimensional transonic shear flow, work in progress, 12974

- noise generating mechanisms in supersonic jet exhaust flow, analytical properties, 12979

- transient response of ablating axisymmetric bodies including effects of shape change, 13003

- see also* Mathematics.

Nurseries, *see* Day care of children.Nursery school, *see* Day care of children.

Nurses and nursing:

- care of patients with internal or external pacemakers, nursing clinical conference, 13107



# INDEX

- Nurses and nursing—Continued
    - career as Indian practical nurse, 12769
    - Nurse training act of 1971, reports, 12193, 12212
    - nurse training amendments of 1971, report, 12440
    - publications, price list, 13194
    - terminated research grants supported by Nursing Division, NIH, list, 13110
  - Nursing, *see* Nurses and nursing.
  - Nursing Division, NIH, terminated research grants supported in field of nursing, list, 13110
  - Nursing homes, skilled, problems in providing proper care to medicaid and medicare patients GAO report, 12740
  - Nutrients, *see* Plants.
  - Nutrition:
    - Child nutrition act of 1966, extend, report, 12215
    - screening children for nutritional status suggestions for child health programs, 12934
  - Nylon:
    - diffusion and copolymerization of polyacrylic acids in nylon 66 fibers to achieve improved thermal protection and higher moisture regain, 11936
    - thermal response of high-density phenolic nylon on spacecraft launched by Pacemaker vehicle system, analysis, 13013
  - Nypan, Lester J., optimization of conical hydrostatic bearing for minimum friction, 13027
  - Nyrop, Richard F., area handbook for Ceylon, 11940
- 0
- OAA, *see* Old age assistance.
  - Oahe Unit, *see* Pick-Sloan Missouri Basin program.
  - Oak:
    - black, white, scarlet, and chestnut in Central States, site index curves, 12714
    - northern red, decay not serious, 12708
    - potted red oak seedlings, fertilization tests, 12707
  - OASDHI, *see* Old-age, survivors, disability, and health insurance.
  - OBR series, 12098-99
  - Obscene matter, obscene mail category for minors, create, reports, 12205, 12235
  - Observation, airborne meteor observations at high latitudes, 13016
  - Ocariza, Leonarda B., relief, 12355
  - Ocariza, Lucila B., relief, 12355
  - Occupations:
    - career opportunities—
      - dental assistant, trained, something new in white, 13109
      - resource management, 12918
      - Soil Conservation Service, 11887
    - expanding opportunities for girls, their special counseling needs, 13374
    - index, 1970, census, 11978
  - Ocean:
    - Bishop system for open ocean oil spills, engineering feasibility study, final report, 12079
    - dumping of waste material, regulate, hearings, 12313
    - engineering technical manual, 12074
    - ocean engineering report, 12073
    - return to the sea, survey of oceanic research progress, 13195
  - Oceanography:
    - measurements, satellite microwave sensing potential, 13127
    - oceanological investigations in Gulf of Mexico and Caribbean, USSR study, 12849
    - seismic research by Institute of Oceanology, USSR study, 12852
  - Oceanology, *see* Oceanography.
  - OEO, *see* Economic Opportunity Office.
  - Offenses, *see* Crime and criminals.
  - Office employees, office assistant and related positions examination announcement, 12054
  - Office furniture and equipment, *see* Furniture.
  - Officers, *see* names of services to which officers belong.
  - Ohio River and Valley:
    - basin, surface water supply—
      - from Kanawha River to Louisville, Ky., 12761
    - Louisville, Ky. to Wabash River, 12762
    - Dearborn County, Ind., floods, how to avoid damage, 12593
  - Oil, *see* Petroleum.
  - Oil pollution of rivers, harbors, etc., *see* Water Pollution.
  - Oil refineries, *see* Petroleum refineries.
  - Ok Soo Park, *see* Park, Ok Soo.
  - Oklahoma, county business patterns, 12014
  - Old age, *see* Aged.
  - Old age assistance, standards for basic needs for specified types of assistance groups, 13074
  - Old age insurance:
    - increase benefits, etc., social security amendments of 1971, reports, 12209, 12216
    - social security rulings, 13240
  - Old-age, survivors, and disability insurance, *see* Social security.
  - Old-age survivors, disability and health insurance, group long-term disability insurance in private sector, trends and relationship to OASDHI, 13239
  - Old Post Office Building, *see* Benjamin Franklin Station Post Office.
  - Older persons, *see* Aged.
  - Oliver, David A., computational studies of 3-dimensional transonic shear flow, work in progress, 12974
  - On the moon with Apollo 15, guidebook to Hadley Rille and Apennine Mts., 13043
  - Ontario, Calif., area wage survey, 12897
  - Open-channel integrating-type flow meter, 12753
  - Opinion (public), *see* Public opinion.
  - Opinions, *see* names of courts, etc., rendering opinions.
  - Opportunities to improve redistribution of Federal Government's excess automatic data processing equipment, GAO report, 12738
  - Optical equipment, *see* Optical instruments and apparatus.
  - Optical instruments and apparatus, opticians instruments equipment and supplies, Federal item identification guide, 12527
  - Optical supplies, *see* Optical instruments and apparatus.
  - Optical systems, quantum-optical integrated circuits of gallium arsenide, USSR study, 12861
  - Opticians, instruments equipment and supplies, Federal item identification guide, 12527
  - Optimization, conical hydrostatic bearing for minimum friction, 13027
  - Orbits:
    - algorithm for Liapunov stability analysis of complex nonlinear systems, with applications to orbiting astronomical observatory, 12959
    - reference earth orbital research and applications investigations, blue book—astronomy, 13045
    - communications/navigation, 13047
    - materials sciences and manufacturing, 13048
    - physics, 13046
    - summary, 13044
    - thrusting trajectory minimization program for orbital transfer maneuvers, 12999
  - Orecon:
    - census of population and housing, 1970, general demographic trends for metropolitan areas, 11993



Oregon—Continued

- county business patterns, 12015
- Ores, *see* names of metals or minerals.
- Organic compounds, synthetic organic chemicals, production and sales surface active agents, 13298
- Organisms, human, internal sphere simulation, USSR study, 12873
- Organization, local model cities program, 12783
- see also* Planning.
- Organizations, health maintenance organizations, concept and structure, 12770
- Organs (musical instruments):
- pipe organs, production and maintenance workers of M. P. Moller, Inc., Tariff Commission report, 13295
- Orr, Robert L., industry wage survey, West Coast sawmilling and logging, 12907
- Ortega, Linda, relief, 12343
- Osmosis:
- advanced reverse osmosis membrane, module systems, 12804
- reverse—
- development of thin-liquid-film membrane device, 12505
- development of ultrathin membranes for desalination, 12803
- membrane module (spiral wound concept), 12811
- new and ultrathin membranes for municipal wastewater treatment, 13365
- spiral-wound reverse osmosis membrane modules—
- development and testing, 12812
- improvement, 12810
- 2,500 gpd seawater unit, test evaluation, 12802
- Ostracoda, *see* Crustaceans.
- OT/ITSRR series, 12090-12100
- Ottawa Indians, Grand River Band judgment funds, disposition, report, 12158
- Our American way of life, 12789
- Our environment, forces which threaten it, 12052
- Our floor recreation, *see* Recreation.
- Outer space:
- international cooperation, general review, hearings, 12324
- manned space flight, biomedical research and computer application, report, 12990
- observation of noctilucent clouds from space, USSR study, 12865
- space in the 70's, five films, new series, 13049
- Outlook for residential construction, 12092
- Overseas business reports, 12093-96
- Overseas National Airways, Inc., aircraft accident, report, 13157
- Oversight, hearing on older Americans, 12287
- Oversight, Redwood National Park, 12461
- Owen, Marion, relief, 12344
- Owens, Carl F., motor carrier accident, Carthage, Tenn., 12956
- Oxidation:
- cyclic oxidation resistance of clad IN-100 at 1040° and 1090° C: time, cycle frequency, and clad thickness effects, 13010
- light-catalysed chlorine oxidation for treatment of wastewater, 13364
- new internal oxidation process for strengthening tungsten, 12944
- of carbon at high temperatures, reaction-rate control or transport control, 13017
- Oxidizing agents, photochemical oxidants and air pollution, bibliography, 11913
- Oxygen:
- effect on thermal decomposition of tetra-sodium ethylenedinitrilotetraacetate in aqueous solutions, 13154
- thermophysical properties from freezing liquid line to 600 K for pressure to 5000 Pa, 13066

P

- PA series, 11891-894
- Pacemaker vehicle, *see* Spacecraft.
- Pacemakers (heart), *see* Heart.
- Pacific area, East Asian and Pacific series, 13267
- Pacific Crest National Scenic Trail:
- Oregon, general information, 12702
- Washington State, general information, 12703
- Pacific Northwest, *see* Northwest (U.S.).
- Pacific Ocean:
- North Pacific fisheries act of 1954, amend—
- hearing, 12294
- report, 12226
- Packaging, packaging series, position classification standard, 12066
- Packing industry, meat industry waste in South Platte River basin, study, 13352
- Pads, hospital, Federal item identification guide, 12521
- Pahute Mesa, Nevada test site, geologic and hydrologic effects of Handley event, 12750
- Pair, Hubert B., nomination; hearing, 12449
- Pakistan, East, crisis, hearings, 12291
- Paleozoic era, younger Western granite and underlying igneous and metamorphic rocks of early Paleozoic or Precambrian age, lithology, structure, and metamorphism, Narragansett basin, 12746
- Pales weevil, *see* Weevils.
- Pallets (material handling):
- make pallet parts and pulp chips from low-grade hardwoods, Sholo Mill, 12715
- pallet covers to maintain modified atmospheres and reduce market losses, air transport of California strawberries, 11884
- Palsy, cerebral, hope through research, 13198
- Panama, economic trends and their implications for United States, 12826
- Panama Canal Company, appropriations, 1942, report, 12259
- Panamint Butte quadrangle, Calif., geology, Inyo County, 12747
- Panels and paneling high amplitude panel flutter, experimental investigation, 12976
- see also*, Display panels.
- Panunzio, Sergio, experimental investigation of near flow field for tube vehicles, 12652
- Pao, S. P., analytical properties of noise generating mechanisms in supersonic jet exhaust flow, 12979
- Paper pulp, *see* Pulp.
- Papers, *see* Records.
- Parachutes, dacron parachute material, effects of simulated Martian mission on mechanical properties, 13006
- Parameters, method for reducing to parameter uncertainty the sensitivity of optimal nonlinear systems, 13002
- Parasites, parasitic copenods of family Chondracanthida, from fishes of eastern North American, 13234
- Parents, adoptive, families for black children, search for, experience survey, 12048
- Park, Jung Ok, relief, 12354
- Park, Ok Soo, relief, 12152
- Parker, John L., soil survey of Powder River area, Mont., 13248
- Parking of vehicles, change-of-mode parking, state of the art, 12630
- Parole, practice theory in probation/parole, study, 13376
- Particle board, *see* Pulpboard.
- Partition functions and equations of state in plasmas, 12989
- Pasco, Wash., Northwest Rural Opportunities day care for children of migrant laborers, study in child care, 12569

# INDEX

- Passer, Harold C.:  
addresses, etc.—  
June 10, 1971, 12090  
June 17, 1971, 12092
- Patent Office, national development and the  
Patent Office (address), 12187
- Patents:  
domestic and international studies, au-  
thorize, hearings, 12311  
filling, relief in cases affected by emergency  
situation caused by U.S. Postal Service  
begun on Mar. 18, 1971, hearings, 12311  
Northern Marketing and Nutrition Re-  
search Division, list, 11865  
priority for inventors' certificates, inter-  
national agreement, implement, report,  
12190
- Patriotism, leadership, patriotism and school  
of experience (remarks), 12645
- Pavements:  
airfield pavement requirements for multi-  
ple wheel heavy gear loads, 13287  
airfield pavement systems, 12581  
paved areas, local housing authority  
management guide, 12781  
pavement surface cracking, Amedee Army  
Airfield, Herlong, Calif., investigation,  
12608
- Pay, see Salaries.—Wages.
- Pay, allowances, etc., Armed Forces mem-  
bers, erroneous payments, waiver of  
claims, report, 12162
- Peace Corps, bi-annual statistical summary,  
13189
- Peaches, California grown, marketing orders  
to include, paid advertising, hearings,  
12265
- Peas:  
canning and freezing, marketing orders to  
include paid advertising, hearings,  
12265  
market diseases, 11871
- Pecos County, Tex., Sanderson Canyon  
watershed work plan, 12473
- Pellini, W. S., integration of analytical pro-  
cedures for fracture-safe design of metal  
structures, 13181
- Pembina Band of Chippewa Indians, see  
Chippewa Indians.
- Pender, William D., relief, 12339
- Pendleton, Oreg.:  
and vicinity—  
McKay, Tutuilla and Wildhorse Creek,  
floods, 12589  
Umatilla River tributaries, McKay,  
Tutuilla & Wildhorse Creeks, flood  
plain information, 12588
- Pennell, Maryland Y., accreditation and cer-  
tification in relation to allied health man-  
power, 12768
- Pennsylvania:  
climate, 12606  
water resources development by Engineers  
Corps, Army, 12599
- Pennsylvanian period, rocks, sedimentary,  
lithology, structure, and metamorphism,  
Pennsylvania age, Narragansett basin,  
12746
- Pensions:  
Canadian plans, regulation, 12887  
appendices, 12888  
see also Civil service pensions.
- Peonies, growing, planting, etc., 11878
- Performance tests (engineering mechanical,  
etc.):  
flight-determined acceleration and climb  
performance of F-104G airplane for use  
in optimum flight-path computer pro-  
gram, 13034  
performance at supersonic conditions of  
large-scale, two-dimensional mixed-com-  
pression inlet system, experimental in-  
vestigation, 13033
- Performance tests (human):  
human, performance experimentation in  
night operations technology and instru-  
mentation for field research, 11947
- Periodical cicadas, 17 year locusts, 11880
- Periodicals:  
catalog of copyright entries, 12486  
currently received in Army library, check-  
list, 11857
- Permeability:  
and transport properties of reconstituted  
cell membranes, study, 12805  
film permeability requirements for modi-  
fied-atmosphere storage of apples, vari-  
ables, affecting, 11903
- Perry's Victory and International Peace National  
Monument, general information,  
13142
- Persia, internal affairs, records of Depart-  
ment of State, pamphlet to accompany  
microcopy, 13052
- Personnel, see Social workers.
- Personnel administration, see Administra-  
tive management.
- Personnel management, see Administrative  
management.
- Personnel records, officer personnel reporting  
system, NGB pamphlet, 13000
- Pest control agents and disinfectants, 12528
- Pesticides:  
and CBR agents, protection of livestock,  
USSR study, 12867  
uses, hazards, etc., 13190
- Pests:  
forest pest leaflets, 12694-697  
pest control agents and disinfectants,  
Federal Item Identification guide, 12528
- Petroleum:  
census of mineral industries, 1967, indus-  
try statistics, crude petroleum and  
natural gas, 11977  
floating oil, free vortex recovery, concept  
feasibility study, final report, 12078  
oil and hazardous substances program se-  
ries, 13346  
oil retention boom hydrodynamics, studies,  
final report, 12076  
products—  
highway construction use factor, 12631  
survey (series), 12943  
recovery of oil spills using vortex assisted  
airlift system, 13360  
refinery wastes, fluid bed incineration,  
13358  
Utah crude oils, characteristics of 67  
samples, 12949  
vortex flow to separate oil from oil-water  
mixture, investigation, final report,  
12077
- Petroleum refineries, wastes, fluid bed in-  
cineration, 13358
- Peyser, P., study of drag reduction and ad-  
sorption of polymer solutions, 13178
- Phares, Robert E., fertilization tests with  
potted red oak seedlings, 12707
- Pharmaceutical industry, see Drugs.
- Pharmaceuticals, see Drugs.
- Pharmacology, see Drugs.
- Phensants, Kalif, general information, 13257
- Phenolic nylon, see Nylon.
- Phenylketonuria, State laws as of Nov. 1970,  
12935
- Philippines, agricultural commodities, agree-  
ment, 13280
- Philosophy, philosophical-methodological  
problems of systems approach, USSR study,  
12865
- Phoenix program, information, directing  
Secretary of State to furnish to House,  
adverse report, 12247
- Phosphates, recovery of phosphates and  
metals from waste phosphate sludge by  
reduction-slinter processes, 12950

Physical properties, thermophysical properties of oxygen from freezing liquid line to 600 R for pressures to 5000 Psia, 13066  
Physicians, pilot-in-command flight accidents, 11960

**Physics:**

reference earth orbital research and applications investigations, blue book, 13046  
water physics for detecting total alkalinity titration, 13340

Physiology, human organism internal sphere simulation, USSR study, 12873  
*see also* Biodynamics.

Pick-Sloan Missouri Basin program, Osage unit, construction, irrigation, etc., 13219

Pickling (metal):

hydrochloric acid pickling of steel, limestone treatment of rinse water used, 13357

Picture story series, 11895-896

Pierston, Charles F., market diseases of apples, pears, and quinces, 11871

Pig iron, *see* Cast iron.

Pigs, *see* Swine.

Piles and pile driving, timber piling, highway construction use factor, 12631  
Piling, *see* Piles and pile driving.

Pillowcases, current industrial reports, 12028

Pilots and pilotage, *see* Aviators.

Pine, eastern white, seed source trials, 10 year results from 3 midwestern plantations, 12706

Pine Ridge Agency, Aberdeen area, S. Dak., economic feasibility study of sale and transfer of electrical distribution system, 12792

Pipe and pipe fittings:

corrugated-metal pipe underdrain energy dissipators, hydraulic model studies, 13222

hose, pipe and tube fittings, Federal item identification guide, 12512  
pipe or channel outlets, hydraulic design of stilling basin, 13224

Pipe lines:

natural gas—

pipeline safety act of 1968, amend., report, 12194

safety regulations, extend, report, 12191

Trans-Alaska pipeline environmental problems (address), 12083

Pipe organs, *see* Organs (musical instruments).

Pipelines, *see* Pipe lines.

Pistons, self and mutual acoustic radiation impedances for pistons in plane infinite rigid baffle, 13173

Pittsburgh, Pa., area wage survey, 12899

Piven, Herman, study of practice theory in probation/parole, 13376

PKU, *see* Phenylketonuria.

Plague, biblical plague, grasshoppers, picture story, 11896

Plane coordinates, *see* Coordinates.

Planning:

comprehensive health planning, fact sheet, 12101

Federal policy and planning on aircraft environment, 12618

multijurisdictional planning areas in U.S., 12553

preparing resort development plans, Rocky Mountain Region, guide, 12699

Planning (economy), *see* Economic policy.

Plans, *see* Architecture.

Plant Variety Protection Office, certificates, applications, remedies, etc., for protecting new varieties of plants, 12483

Plants:

Plant variety protection act, 12483

primary plant nutrients and micronutrients, commercial fertilizers, consumption, 11902

**Plants—Continued**

quarantine import requirements—

Bahamas, 11866

foreign countries, summaries, geographical guide, 11864

Plants (industrial):

desalting plants, inventory report, 12795  
*see also* types of industrial plants.

Plasma:

induction heated, low frequency and high pressure investigations, radiation measurements, 12668

partition functions and equations of state, 12589

theory of Thomson scattering from weakly ionized plasma, 13028

PLASTEC reports, 12548

Plastics:

and polymer technology, applications of ionizing radiations, 12548

PLASTEC reports, 12548

Plastics Technical Evaluation Center, PLASTEC reports, 12548

Platte River, *see* North Platte River.

Plotting boards and plotting, CROSEC, Fortran IV-APT program to give orthographic section, and definable perspective views of planar-curved surface, 13179

Plowshare program (civil, industrial, and scientific uses for nuclear explosives): AEC authorizing legislation, 1972 hearings, 12132

PLS listing, power facilities operated by Bureau of Reclamation, 13220

Plywood, Federal item identification guide, 12523

PMG series, 12485

Pocket veto power, 12310

Poker Creek, Caribou-Poker Creeks research watershed, interior Alaska, background and current status, 12579

Police:

Capitol, appropriations, 1972, legislative, report, 12238

police forces operating in D.C., members retired for total disability, payment of medical expenses, report, 12197

U.S. Capitol force, House side, additional members and overtime pay, authorize, report, 12185

who will wear the badge? minority recruitment efforts in protective services, study, 12054

*see also* Military police.

Policemen, *see* Police.

Pollution:

appliance X-ray pollution problem, evaluation, 13089

electrical insulating liquids, use and disposal, progress report, 13090

industrial waste pollution in South Platte River basin—

meat industry waste study, 13352

outfall study, location and sampling results, 13351

*see also* Air pollution—Water pollution.

Pollution of water, *see* Water pollution.

Polycrylic acids, diffusion and copolymerization of polycrylic acid in nylon 66 fibers to achieve improved thermal protection and higher moisture regain, 11936

Polyamides, poly(amide-imide), polyimide, and pyrrone polymers friction and wear at 260°C (500°F) in dry air, 13020

Polybenzimidazoles, billets, laminates, and cylinders, study and production, 12958

Polyimides, *see* Amides.

Polymers and polymerization:

diffusion and copolymerization of polycrylic acid in nylon 66 fibers to achieve improved thermal protection and higher moisture regain, 11936

friction and wear of pyrrone polymers, etc., at 260°C (500°F) in dry air, 13020

# INDEX

- Polymers and polymerization—Continued
  - plastics and polymer technology, applica-  
tions of ionizing radiations, 12548
  - polymer-impregnated rock, preliminary  
survey, 12652
  - polymer solutions, study of drag reduction  
and adsorption, 13178
  - polypropylene, membrane, expedient sur-  
facing and drainage of roads, streets,  
and parking and storage areas in theater  
of operations, 12601
- Ponds, natural ponds in glaciated prairie  
region, classification, 13259
- Poor:
  - neighborhood health services program ad-  
ministered by St. Luke's Hospital Cen-  
ter, NYC, opportunities for improving,  
GAO report, 12737
  - rural poor, transportation needs, 13211
- Population:
  - census, 1970—
    - final reports, data-collection forms and  
procedures—
      - microfiche order form, 13156
      - publications order form, 11994
    - general demographic trends for metro-  
politan areas, 11988-993
    - industries and occupations, alphabetical  
index, 11978
    - invaluable help rendered by NAACP  
(remarks), 12097
    - number of inhabitants, 11979-986
    - supplementary reports, 11987
    - components of change, 1960-70, by county,  
12034
  - CPA population research, 13093
  - current population reports—
    - population characteristics, series, 12030-  
31
    - population estimates, series, 12033-35
    - special studies, 12032
  - Federal population and mortality census  
schedules, 1790-1890 in National Ar-  
chives and States, outline of lecture on  
their availability, content, and use,  
13055
  - increases in population necessitate greater  
pollution problems (address), 12087
  - research and training opportunities for  
psychologists, 13093
  - research, grants and awards, list, 13094
  - social and economic characteristics in  
metropolitan and nonmetropolitan  
areas, 1970, and 1960, statistics, 12032
  - statistics and demographic analysis, statis-  
tical training programs by Bureau of  
Census, 12039
  - United States, estimates, 12033, 12035  
*see also* Demography.
- Population Growth and American Future  
Commission:
  - appropriations, 1972—
    - hearings, 12270
    - report, 12227
  - waiving points of order, report, 12236
- Pork, good choice for thrifty family, food  
value, selection, recipes, 12687
- Porous materials, rigid, nonlinear acoustic  
theory, 13090
- Portage County, Ohio, Cuyahoga River,  
Akron to Summit-Portage County line,  
floods, 12590
- Portugal, metropolitan, economic trends and  
their implications for United States, 12833
- Position classification, *see* Classification.
- Position finding, unified formalism for pos-  
ition determination from various naviga-  
tion measurements, 13035
- Post Office and Civil Service Committee,  
House:
  - committee prints, 12316-323
  - hearings, 12315
  - investigations and studies, military postal  
services overseas, etc., authorization,  
operation, report, 12172
- Post Office and Civil Service Committee,  
House—Continued
  - reports, 12159, 12161, 12205, 12250, 12258  
rules, 12321
- Post Office and Civil Service Committee,  
Senate, hearings, 12471-472
- Post Office Department:
  - postal source data system, need to evaluate  
and improve before further expansion,  
GAO report, 12735
  - revenue foregone appropriations, hearings,  
12472
- Post offices, old building on Pennsylvania  
Ave., Washington, D.C., proposed demoli-  
tion, review, hearing, 12475
- Postage, international postage rates and  
fees, general information, 13328
- Postage stamps:
  - commemorative, 8-cent—
    - John Sloan American painting (poster),  
13324
    - wildlife conservation (poster), 13325
- Postal cards:
  - commemorative—
    - 10-cent international surface mail  
(poster), 13326
    - 15-cent international air mail (poster),  
13327
- Postal rates, *see* Postage.
- mailing articles which present hazard to  
postal employees or mail processing  
machines, restrict, report, 12200
- Postal service:
  - employees, salary and retirement annuity  
increases 1945-71, together with current  
salary schedules, 12322
  - military overseas postal operations, etc.,  
investigations and studies, authoriza-  
tion, report, 12172
  - Texas, staff investigative report, 12323
  - see also* International postal service.
- Posters:
  - Food and Drug Administration, 12690
  - United States Postal Service, commemora-  
tive stamps, 13324-327
- Potomac River and Valley, pollution of in-  
terstate waters, Washington, D.C. metro-  
politan area, conference proceedings,  
progress meeting, 13348
- Poultry:
  - and meat inspection program, program is-  
sues, 12484
  - market statistics, 1970, annual summary,  
11900
  - see also* Chickens.
- Poverty:
  - Detroit, broad outline, jobseeking methods,  
training experience, and geographic mo-  
bility, 12915
  - open-country poverty in relatively affluent  
area, East North Central States, 12559
  - transportation needs of rural poor, 13211
- Povinelli, Frederick P., correlation of second-  
ary sonic and supersonic gaseous jet pen-  
etration into supersonic crossflows, 13026
- Powder River, Mont., soil survey report of  
area, 13248
- Power, development, public works appropria-  
tions, 1972, hearings, 12271  
*see also* Atomic energy—Electric power  
plants—Electricity—Water power.
- Power plants, *see* Electric power plants.
- Powers, John O.:
  - Federal policy and planning on aircraft  
environment, 12618
  - jet engine noise data from subsonic air-  
craft, 12621
- PR series, 12882
- Prado, Carmen, relief, 12156
- Prairies, glaciated prairie region, classifica-  
tion of natural ponds and lakes, 13259
- Prayers, offered by House Chaplain, Edward  
Gardiner Latch, 89th, 90th, and 91st Con-  
gresses, 12134

Pre-Cambrian period, younger Western granite and underlying igneous and metamorphic rocks of early Paleozoic or Precambrian age, lithology, structure and metamorphism, Narragansett basin, 12746  
Precious stones, see Diamonds—Strategic materials.  
Precipitation, facilities and related studies, Agricultural Research Service, 11862  
Premature baby, see Infants.  
Preparedness, see Civilian defense.  
President of United States:  
Ad Hoc Advisory Group on Presidential Vote for Puerto Rico, hearings, 13191  
Congress, the President and war powers, current foreign policy, 13269  
economic report, hearings, 12133  
impoundment of appropriated funds, hearings, 12462,  
messages, see, in main alphabet, subject of message.  
pocket veto power, implement art. 1, sec. 7 of Constitution, hearing, 12310  
request the President to furnish text of study entitled United States-Vietnam relationships, 1945-67 adverse report, 12239  
Presidential Vote for Puerto Rico, Ad Hoc Advisory Group on, hearings, 13191  
Pressure:  
distributions around bluff afterbody in wake of 120° cone for various separation distances at Mach 3.0, 13011  
oxygen, thermophysical properties from freezing liquid line to 600 K for pressure to 5000 Pa, 13066  
Pressure vessels:  
pressure-vessel steel and weldments, major factors affecting neutron irradiation embrittlement, 13174  
thick-walled pressure vessel steels, analysis of radiation-induced embrittlement gradients on fracture characteristics, 13175  
Price, Daniel N., group long-term disability insurance in private sector, trends and relationship to OASDHI, 13259  
Price control, see Prices.  
Prices:  
experimental input price indexes for Army research and development 1961-65 fiscal years, 13149  
wage and price determination, government's role (remarks), 12091  
see also names of commodities.  
Pricing policy, see Prices.  
Prime Project, see Resource management system.  
Primer on waste water treatment, 13347  
Prince William Forest Park, general information, 13143  
Printing, industry, union wages and hours, 12908  
see also Public printing and binding.  
Prisons and prisoners, statistical report, 1967-68 fiscal years, 13192  
Prisons Bureau, statistical report, 1967-68 fiscal years, 13192  
Privacy, Human Values, and Democratic Institutions, Select Committee on, House, create, report, 12171  
Private enterprise, see Business.  
Private laws, see Law.  
Prizes, see Rewards (prizes, etc.).  
Probabilistic automata, 12875  
Probabilities (mathematics):  
probability-of-error considerations for certain M-ary block codes with bit-by-bit decisions, 13180  
Probation, practice theory in probation/parole, study, 13376  
Probes, in-flight use of traversing boundary-layer probes, 13036  
Processing machines, influence of mechanical processing on quality and yield of bay scallop meats, 13114

Processing of food, see names of food processed.  
Procurement, see names of departments, etc., engaged in procurement—also subjects.  
Products, see Commercial products—also types of products.  
Professional papers, Geological Survey, 12754-756  
Professional workers, pay, New York State, 12914  
Professions, health, educational assistance act of 1963, amend, reports, 12159, 12210  
Profit, profitability and responsibility, public and private (remarks), 12664  
Program aid series, 11891-894  
Programmed instruction:  
German, programmed introduction, 13270  
principles of infection control in health facilities, programmed course for house-keeping personnel, 12767  
social security, introduction, 13242  
Programming (computers), see Computer programs/programming.  
Programming (planning):  
statement of work preparation guide, acquisition management, 11910  
Progress in welding, USSR study, 12864  
Project Apollo (man-in-space program):  
Apollo 10, photography and visual observations analysis, 12983  
on the moon with Apollo 15, guidebook to Hadley Rille and Appennine Mts., 13043  
Project Head Start, see Children.  
Project Prime, see Resource management system.  
Project Skywater (atmospheric water resources program):  
design and evaluation of weather modification experiments, conference proceedings, 13221  
Propagation, formation and propagation of shock wave from concave boundary, 13018  
Propellants, liquid propellant rocket engines, design, 12981  
Property, asset depreciation range (ADR) system, 13311  
Prophylaxis, influenza, with amantadine and interferon, USSR study, 12871  
Prosthesis, see Dentistry.  
Protective covers, see Pallets (materials handling).  
Proteja la salud publica, evite perdida economica, 12650  
Protocol, diplomatic social usage, guide for U.S. representatives and their families abroad, 13266  
PSDS (postal source data system), see Electronic data processing systems.  
Psychiatry, Sigmund Freud, abstracts of standard edition of complete psychological works, 13096  
Psychoanalysis, Sigmund Freud, abstracts of standard edition of complete psychological works, 13096  
Psychologists, research and training opportunities in population area, 13093  
Psychology:  
newsletter for research, Veterans Administration Center, 13333  
psychological theory of thinking and cybernetics development, USSR study, 12853  
Sigmund Freud, abstracts of standard edition of complete psychological works, 13096  
Psychotropic drugs, international control, ratify, message from the President, 12335  
Public assistance, see Public welfare.  
Public Broadcasting Corporation, appropriations, 1972, report, 12373  
Public debt, Treasury Department circular, 13314  
Public Documents Department, price lists, 13193-195



# INDEX

Public funds, expenditure for paid advertisements broadcast for Government, Federal, State, and local, expressing sense of Congress, hearings, 12304

Public health, *see* Health.

Public Health Service:  
act, amend—  
hearings, 12468  
reports, 12192-193, 12211-212, 12439-440  
grants and awards 1970, funds, research grants and contracts, 13108  
Indian health program, 12771

Public lands, wild horses and burros, protect, manage and control, report, 12434

Public laws, *see* Law.

Public opinion, community reaction to airport noise, 12962

Public printing and binding, regulations, 12328

Public utilities, eliminate sealing requirement for gas meters in District of Columbia, report, 12194

Public water supplies, *see* Water.

Public welfare:  
challenge (address), 12885  
family and child welfare services, differential use of staff, 12102  
Federal assistance and services for individuals and families during natural disasters, 12103  
Federal domestic assistance programs, 1971 catalog, 12921  
OAA and AFDC, standards for basic needs for specified types of assistance groups, 13074  
public assistance—  
programs, medical vendor payments, recipients, etc., 13075  
special types, State maximums and other methods of limiting money payments to recipients, 13076  
State salary ranges of positions, 12067  
U.S. citizens without resources, returned from abroad, assistance program, continue—  
law, 12127  
report, 12175

Public works:  
acceleration act, amend, reports, 12178, 12366  
appropriations, 1972, water and power development, hearings, 12271  
Public works and economic development act, amend, reports, 12178, 12366

Public Works Committee, House, report, 12260

Public Works Committee, Senate:  
committee print, 12473  
hearings, 12474-476  
report, 12427

Publications, *see* names of departments, etc., issuing publications—*also* subjects.

Puerto Rico:  
Ad Hoc Advisory Group on Presidential Vote for Puerto Rico, hearings, 13191  
minimum wage rates, Fair labor standards act, 13339

Puerto Rico, Ad Hoc Advisory Group on Presidential Vote, *see* Presidential Vote for Puerto Rico, Ad Hoc Advisory Group on.

Pulp, make pallet parts and pulp chips from low-grade hardwoods, Sholo Mill, 12715

Pulpboard, particleboard, current industrial reports, 12026

Purchase of Products and Services of the Blind and Other Severely Handicapped Committee, establish, law, 12118

Purchasing agents, sources of information on American firms for international buyers, 12837

Pyronne polymers, *see* Polymers and polymerization.

Quantum theory, quantum-optical integrated circuits of gallium arsenide, USSR study, 12861

Quarantine, *see* subjects.

Quartz, crystal measurements, 11926

Questions and answers on guaranteed and direct loans for veterans, 13336

Quinca, market diseases, 11871

Quinn, Alonzo W., bedrock geology of Rhode Island, 12746

## R

Race problems:  
Emergency school aid and quality integrated education act of 1971, report, 12362  
equal educational opportunity, hearings, 12451

Races of man, films and broadcasts demeaning racial groups, producers to adhere to code of ethics, hearings, 12301

Radar:  
air traffic control radar beacon code assignment plans, simulation, report, 13069  
VHF Thomson scatter study of midlatitude ionosphere using Faraday effect, 13177

Radial flow, *see* Flow.

Radiance, clear-column, calculation using airborne infrared temperature profile radiometer measurements over partly cloudy areas, 13128

Radiation:  
control for Health and safety act of 1968, administration and enforcement—  
annual report, 12144  
regulations, 13213  
dynamics of radiation belts of the earth, 13041  
measurements and low frequency and high pressure, investigations of induction heated plasma, 12968  
protection from penetrating radiation of nuclear explosion, USSR study, 12866  
radiation effects design handbook, 12966  
radiation-induced embrittlement gradients on fracture characteristics of thick-walled pressure vessel steels, analysis, 13175  
self and mutual acoustic radiation impedances for pistons in plane infinite rigid baffle, 13173  
*see also* Bremsstrahlung radiation—Heat transfer—Ionizing radiation—Spectra—Thermal radiation.

Radiation emission:  
control, electronic products administration and enforcement—  
annual report, 12144  
regulations, 13213  
radiation transfer with absorbing, emitting, and scattering media, 12982

Radiation environment, *see* Environment.

Radiation transfer, with absorbing, emitting, and scattering media, 12982

Radio broadcasting, paid advertisements, broadcast for Government, Federal, State, and local, expenditures of public funds, expressing sense of Congress, 12304

Radio direction finding, noncompulsory radio fixes, 11922

Radio fixes, *see* Radio direction finding.

Radio frequencies, NBC frequency and time broadcast services, radio stations WWV, WWVH, WWVB, WWVL, 13059

Radio operators, amateur, alien, issue licenses for operations of radio stations in U.S., hearings, 12307

Radio propagation, *see* Radio waves.

Radio stations:  
amateur alien, issue licenses for operation of radio stations in U.S., hearings, 12307  
WWV, WWVH, WWVB, and WWVL, NBS frequency and time broadcast services, 13059



Radio waves, wave hop propagation for anisotropic ionosphere, 12089  
*see also* Microwaves.  
 Radioactivation analysis, bibliography, 13067  
 Radioactive substances, radioactive solid waste, compaction, 11955  
 Radioactive waste disposal, radioactive solid waste, compaction, 11955  
 Radioactivity, incineration of radioactive solid wastes, report, 11956  
 Radiological Health Bureau:  
 BRH/DEP series, 13212  
 BRH/OBD series, 13213  
 Radiometers, airborne infrared temperature profile radiometer measurements over partly cloudy areas, calculation of clear-column radiances, 13128  
 Rail terminals, *see* Terminals (transportation).  
 Railroad accidents:  
 investigation reports, 13214  
 reports, 13161-162  
 Railroad employees:  
 Railway labor act, extend to prohibit strikes—  
 hearing, 12306  
 report, 12364  
 railway labor-management dispute, 1971, temporary strike prohibition—  
 hearing, 12306  
 report, 12364  
 retirement act of 1937, amend to increase benefits—  
 law, 12131  
 report, 12412  
 Railroad retirement act, *see* Railroad employees.  
 Railroad Retirement Board:  
 railroad retirement accounts, interest on investments, change temporarily method of computing—  
 law, 12131  
 report, 12412  
 Railroads:  
 decade of decision, report on—  
 railroad track and roadway, 12650  
 terminals, 12651  
 high speed ground transport, summary of research at MIT on technology, 12653  
 Railway labor act, *see* Railroad employees.  
 Range grasshoppers, *see* Grasshoppers.  
 Ranges (stoves), *see* Stoves.  
 Rare earths, rare-earth materials, disposal from national and supplemental stockpiles, report, 12399  
 Rate training manuals, 13166-167, 13170-172  
 Ratings, Navy, training manuals, 13166-167, 13170-172  
 Reactions (chemical), *see* Chemical reactions.  
 Reactors, saturable, and magnetic amplifiers, Federal item identification guide, 12530  
 Reactors (atomic):  
 Beloyarsk Nuclear Power Plant reactors, determination of limiting capacity of evaporation channels, USSR study, 12863  
 fast reactors, research, USSR study, 12846  
 Hanford reactors, authorizing legislation, 1972, hearings, 12132  
 Ready, Arthur F., Jr., applications of ionizing radiations in plastics and polymer technology, 12548  
 Rebar Welding Specifications Task Group, report, 13223  
 Rebuilding quality environment through rural environmental assistance program, 11868  
 REC-ERC series, 13222  
 Recht, H. L., tracer study of prescaling deposition of scale forming compounds on controlled surfaces, 12798  
 Recipes:  
 beef and pork, 12687  
 dry beans, 12686

Reclamation Bureau:  
 operation of power facilities, PLS listing, 13220  
 projects and major structures, active names, list, 13215  
 Rebar Welding Specifications Task Group, report, 13223  
 research report, 13224  
 Reconnaissance (geologic):  
 geochemical reconnaissance of Cortez-Buckhorn area, southern Cortez Mountains, Nev., 12748  
*see also* Geology.  
 Records:  
 management handbook, managing information retrieval, 13064  
 papers in Marine Corps Museum—  
 Miller, Samuel, 12926  
 Reid, George C., 12927  
 Tilton, McLane, 12928  
 Twigg, Levi, 12928  
 Washington National Records Center, general information, 13050  
 Recreacion al aire libre, evaluacion de las potencialidades, Distrito de Conservacion de Suelos Culebrinas, 13245  
 Recreation:  
 Lake Casitas general recreation development plan, report, 13141  
 opportunities at hydroelectric projects licensed by Federal Power Commission, 12648  
 outdoor—  
 appraisal of potentials for outdoor recreational development, Culebrinas, Spanish edition, 13245  
 great outdoors of USA, please come, invitation from people of U.S., 13329  
 on BLM lands, Utah, 12916, 12919-920  
 weekend recreational travel patterns, 12632  
 Recreational areas and demonstration projects, preparing resort development plans, Rocky Mountain Region, guide, 12699  
 Red Bluff Dam, backwater and sedimentation study, 13216  
 Red oak, *see* Oak.  
 Red River of the North, bacteriological pollution from municipal and industrial waste discharges, 13349  
 Redevelopment (city planning, etc.):  
 urban renewal, handbook, 12772  
 Reduction of Federal Expenditures Joint Committee, committee print, 12329  
 Redwood National Park, progress analysis, oversight, hearing, 12461  
 Reed, John H., address, June 29, 1971, 13158  
 Reflectors, monoenergetic neutrons in a slab with infinite reflectors, solution of initial-value problem in linear transport theory, 13033  
 Reentry vehicles, *see* Missiles.  
 Reeves, George C., tariff preferences for developing countries, existing and proposed arrangements, 13297  
 Refineries, *see* Petroleum refineries.  
 Refund life income and monthly installment options for payment of cash surrender values and matured endowments, NSLI and USGLI, 13337  
 Refuse:  
 sanitary landfill design, construction and evaluation, 13254  
 urban, preliminary separation of metals and nonmetals, 12953  
 Refractory metals, *see* Metals.  
 Refrigerators, maintenance, local housing authority, management guide, 12780  
 Registers:  
 Army National Guard, 13061  
 Justice Department and Courts of United States, 12883  
 manuscript register series, 12925-928  
 papers in Marine Corps Museum—  
 Miller Samuel, 12926  
 Reid, George C., 12927

# INDEX

- Registers—Continued
  - papers in Marine Corps Museum—Con.
  - Tilton, McLane, 12925
  - Twigg, Levi, 12928
- Regulations, *see* Code of Federal regulations—*also* names of departments, etc., issuing regulations—*also* subjects.
- Rehabilitation of the disabled:
  - principles and practices for supervisors in rehabilitation, 8th institute on rehabilitation services, training guide, 13228
  - rehabilitation facilities national directory, region 9, 13227
  - State salary ranges of positions in vocational rehabilitation, 12067
- Rehabilitation Services Administration, quarterly indices, 13229
- Reid, George C., papers in Marine Corps Museum, 1898-1960, register, 12927
- Reihnen, G., debris-control structures, 12634
- Relaxation time (physics):
  - polar gas rotational relaxation, molecular dynamics, 13022
- Reliability (mechanical):
  - helicopter development reliability test requirements, study results, 11950
- Religious bodies, films and broadcasts demeaning religious groups, producers to adhere to code of ethics, hearings, 12301
- Remote sensing of wind profiles in boundary layer, 13123
- Rendezvous game problems, USSR study, 12858
- Renegotiation, *see* Government contracts.
- Renegotiation Board:
  - appropriations, 1972—
  - hearings, 12270
  - report, 12227
  - waiving points of order, report, 12236
- Renegotiation act of 1951, *see* Government contracts.
- Reorganization of Government activities, *see* Government reorganization plans.
- Repairing, *see* subjects.
- Reports, *see* names of departments, etc., issuing reports—*also* subjects.
- Requisitions, MILSTRIP, military standard requisitioning and issue procedures, change, 12547
- Research:
  - Federal, need for improved review and coordination of foreign affairs aspects by State Dept., and other agencies, GAO report, 12734
  - research and development in local governments, 13151
  - systems research, USSR study, 12044
  - see also* names of departments, etc., doing research—*also* subjects.
- Research and Development Office, project reports, 12075-81
- Research and development reports, Atomic Energy Commission, 11953-956
- Research and development technical reports, Army Electronics Command, Fort Monmouth, N.J., 11926-930
- Research and statistics notes, 13238-239
- Research notes, Forest Service, 12704-710
- Research papers, Forest Service, 12711-715
- Research reports:
  - Cold Regions Research and Engineering Laboratory, 12578
  - National Center for Educational Research and Development Higher Education Administration, bibliography, 12573
  - Reclamation Bureau, 13224
- Research Resources Division, National Institutes of Health, programs, improving institutional and resource development in biomedical sciences, 13106
- Rescue work, airport firefighting and rescue services minimum needs, 11924
- Reserve components of Armed Forces, personnel strengths for 1972, authorization, hearings, 12445
- Reserve Officers' Training Corps, Army:
  - scholarship program, Army ROTC investment in your future, 11935
  - take care of your future, enroll in ROTC advanced course, 11941
- Reservoirs:
  - Central Missouri River water quality—
  - investigation, 1955, review draft, 13197
  - main stem reservoir effects, 13201
  - see also* names of reservoirs or places where located.
- Residential construction, *see* Construction industry.
- Resolutions, *see* Law.
- Resonance, Helmholtz resonances in rooms with windows and doorways, model studies, 12963
- Resort areas, preparing resort development plans, Rocky Mountain Region, guide, 12699
- Resource management system, accounting and reporting procedures manual for Project Prime, Army pamphlet, 11937
- Resources, *see* Natural resources.
- Responses, transient response of ablating axisymmetric bodies including effects of shape change, numerical analysis, 13003
- Responses (psychology):
  - effects on muscle tension and tracking task performance of simulated sonic booms with low and high intensity vibrational components, 12964
- Retention, officers and airmen, Air University Library bibliography, 11912
- Retirement:
  - background and issues, White House Conference on Aging, 13370
  - roles and activities, 13371
  - see also* Social security.
- Return to the sea, 13165
- Retzlaff, Bernice R., higher education administration, annotated bibliography of research reports funded by Cooperative Research Act, 12573
- Revenue:
  - general revenue sharing, analysis of issues and alternatives, 13315
  - Post Office Department revenue foregone appropriations, hearings, 12472
  - sharing as means of reforming our present system of Government (statement), 13321
  - sharing funds, local distribution of (remarks), 13316
- Reverse osmosis process, *see* Osmosis.
- Revolution, 1775-83, battle of Moores Creek Bridge, 13135
- Rewards (prizes, etc.):
  - incentive awards program, Federal employees, 12061
  - Moldavian regulation on state prizes, USSR study, 12854
- Reynolds, Hugh W., Sholo Mill, make pallet parts and pulp chips, from low-grade hardwoods, 12715
- Rheostats, *see* Electric rheostats.
- Rhode Island:
  - bedrock geology, 12746
  - congressional district, 92d Congress, atlas, errata, 11995
- Rice, stored, insect pests, controlling, 11870
- Rich, Joseph W., study of vibrational excitation mechanisms of CO<sub>2</sub> at high temperatures, 12977
- Richardson, J. L., advanced reverse osmosis-membrane module systems, 12804
- Richardson, Jack H., remarks, June 8, 1971, 13332
- Richmond, Va., area wage survey, 12903
- Richmond, Fredericksburg and Potomac R.R., accident report, 13161
- Riley, Philip C., relief, 12342
- Risk, in raising chinchillas, 12678

# AUGUST 1971

Rivera, Millie, diez reglas para los almace-  
neros de alimentos, 12680  
Rivers, L. Mendel, memorial services, 12108  
Rivers:  
inorganic sediment effect on stream biota,  
13366  
stream channelization effects, etc., hear-  
ings, 12298  
Riverside, Calif., area wage survey, 12897  
Riverside County, Calif., Teacher Corps pro-  
gram at University of Southern California  
and participating schools, assessment,  
GAO report, 12722  
Roads and highways:  
Federal aid and allied highway programs,  
tables, 12638  
freeways, mathematical model for evaluat-  
ing priority lane, operations, 12636  
highway accident reports, 13160  
highway construction usage factors for  
lumber timber piling, petroleum prod-  
ucts, and explosives, 12631  
highway planning technical reports, 12632-  
633  
highway safety rest area program man-  
agement, improvements needed, GAO  
report, 12731  
interstate system, bus width limitations,  
increase, report, 12260  
revision of highway safety program stand-  
ards, report of Task force I, traffic safety  
program, development of proposed stand-  
ards, 13088  
roads, streets, and parking and storage  
areas in theater of operations, expedient  
surfacing and drainage, 12601  
safety rest area development, 12637  
weekend recreational travel patterns, 12632  
Roadsides, see Roads and highways.  
Robertson, J. L., remarks, May 17, 1971,  
12666  
Robinson, Donald C., determination of dy-  
namic loads in high-frequency direct-stress  
fatigue machine, 13070  
Robinson, G. B., jr., ground-water hydrology  
of San Pitch River drainage basin, San-  
pete County, Utah, 12760  
Rock, see Rocks.  
Rockets:  
engines, liquid propellant, design, 12981  
experimental study of 1- and 2-component  
low-turbulence confined coaxial flows,  
12980  
longitudinal stability characteristics of  
preliminary configurations for Scout D  
Mach numbers 0.20 to 4.63, 13005  
Rocks:  
polymer-impregnated rock, preliminary  
survey, 12952  
strength and deformability at low tempera-  
tures, 12578  
support-rock interaction consideration for  
tunnel support structure, analysis, 12946  
see also Bedrock.  
Rocky Mountain National Park:  
general information, 13144  
selected sites, ground-water reconnaissance  
study, 12751  
Rocky Mountains, preparing resort develop-  
ment plans for region, guide, 12699  
Roller bearings, see Bearings (machinery).  
Roofing, asphalt and tar roofing and siding  
products, current industrial reports, 12923  
Rooms, Helmholtz resonances in rooms with  
windows and doorways, model studies,  
12963  
Root, rot, laminated, of Douglas-fir, descrip-  
tion, etc., 12694  
Rose, Arthur I., union wages and hours,  
building trades, 12910  
Rose, James R., consideration of simple  
model atoms for argon discharge calcula-  
tions, 13051  
Rosenthal, Kristine, someplace secure, Neigh-  
borhood Centers Day Care Association,  
Houston, Tex., 12568

Rossides, Eugene T.:  
addresses, etc.—  
June 17, 1971, 13310  
July 9, 1971, 13322  
ROTC, see Reserve Officers Training Corps,  
Army.  
Rothgeb, Carrie L., abstracts of standard  
edition of complete psychological works of  
Sigmund Freud, 13096  
Rotors, high-temperature radial turbine,  
design and experimental evaluation, 11951  
Rowan, Lawrence C., lunar terrain mapping  
and relative-roughness analysis, 12755  
Rozelle, L. T.:  
development of ultrathin reverse osmosis  
membranes for desalination, 12803  
new and ultrathin membranes for municipal  
wastewater treatment by reverse  
osmosis, 13365  
Rubber, supply and distribution for U.S., cur-  
rent industrial reports, 12027  
Rules, see subjects.  
Rules and Administration Committee,  
Senate:  
committee print, 12478  
reports, 12360-361, 12374-377, 12416-418,  
12422, 12477  
Rules Committee, House, reports, 12170-172,  
12187-188, 12198-199, 12207, 12209-213,  
12216, 12233-236, 12254-257, 12261  
Rummel, Kirk J., helicopter development  
reliability test requirements, study results,  
11950  
Runways (aeronautics):  
Kaiser production aluminum honeycomb  
landing mat, evaluation, 12602  
Ruopp, Richard R., more than just baby-sit-  
ting, Casper Day Care Center, Casper,  
Wyo., 12567  
Rural communities:  
open-country poverty in relatively affluent  
areas, East North Central States, 12559  
rebuilding quality environment through  
rural environmental assistance program,  
11868  
Rural poverty, see Poverty.  
Rust, see Scale (corrosion).  
Rwanda, background notes, 13264

## S

Safety at sea, see Safety of life.  
Safety of life:  
Coast Guard Auxiliary, examination pro-  
gram, courtesy examiners handbook,  
12070  
exchange of safety information (address),  
13158  
face and eye protection safety standards  
technical reference, 12863  
Federal boat safety act of 1971, reports,  
12243, 12254  
helicopters, safety in and around, 12624  
information sources for Material safety  
data sheet, maritime safety data, 12891-  
892  
Labor Dept. training programs, technical  
reference, LS series, 12893  
mine safety—  
Federal coal mine health and safety act  
of 1969, amend, hearings, 12249  
transportation accidents in bituminous  
coal mines, causes and prevention,  
12939  
motor vehicle and traffic safety, bibliog-  
raphy, 13056  
Natural gas pipeline safety—  
act of 1968, amend, report, 12194  
regulations, extend, report, 12191  
proposed revision of highway safety pro-  
gram standards, traffic safety programs,  
development of proposed standards, Task  
force I report, 13088  
Radiation control for health and safety  
act of 1968, administration and en-  
forcement—

# INDEX

- Safety of life—Continued
  - Radiation control for health and safety—Continued
    - annual report, 12144
    - regulations, 13213
  - shipboard bonding, grounding, and other techniques for electromagnetic compatibility, and safety, military standard, 12545
- Safety rest area development, 12637
- Sailing directions, Baltic Sea, change, 13164
- St. Croix, V.L., aircraft accident, report, 13157
- St. Luke's Hospital Center, NYC, neighborhood health services program for the poor, opportunities for improving, GAO report, 12737
- Salaries:
  - professional, administrative, and technical pay in New York State, 12914
  - salary and retirement annuity increases of Federal classified and postal employees, 1945-71, together with current salary schedules, 12322
  - State salary ranges of positions in employment security-public welfare-public health mental health-civil defense vocational rehabilitation, 12067
- Sales, *see* names of commodities, etc.
- Saline water, *see* Sea water—Water.
- Saline Water Office, report, 12797
- Salinity, surface water, lower Colorado River, Salton Sea area, 12754
- Salmon, response of teleost fish to environmental stress, 13367
- Salmon Falls Division, *see* Upper Snake River project.
- Salton Sea:
  - area, lower Colorado River—salinity of surface water, 12754
  - water resources (series), 12754
- Saltzman, Edwin J., in-flight use of traversing boundary-layer probes, 13036
- Sampling (statistics):
  - sampling and survey methods, statistical training programs by Census Bureau, 12039
- San Angelo, Tex., Red Arroyo, special flood hazard information report, 12584
- San Bernardino, Calif., area wage survey, 12897
- San Diego County, Calif., San Marcos Creek, flood plain information, 12587
- San Felipe Creek, Del Rio, Tex., flood hazard information, 12582
- San Francisco, Calif.:
  - Haight-Ashbury Children's Center, study in child care, 12564
  - minority students, equal educational opportunity, hearings, 12451
- San Juan Mountains, cloud seeding research, Colorado River basin pilot project, 13217
- San Marcos Creek, vicinity of San Marcos, San Diego County, Calif., flood plain information, 12587
- San Pitch River, drainage basin, Sanpete County, Utah, hydrology, 12760
- Sanderson Canyon, watershed work plan for watershed protection and flood prevention, Terrell, Pecos, and Brewster Counties, Tex., 12473
- Sandstone, Coconino, shock wave study, 12978
- Sanitary landfill design, construction and evaluation, 13254
- Sanitation, facilities, survey, 12793
- see also* Refuse.
- Sanpete County, Utah, hydrology of San Pitch River drainage basin, 12760
- Sarkos, Constantine P., titanium fuselage environmental conditions in post crash fires, final report, 13288
- SAROAD (storage and retrieval of aerometric data), *see* Aerometric data.
- Satellites:
  - satellite microwave sensing, potential for hydrology and oceanography measurements, 13127
  - thermal sensing of atmosphere, 13040
  - three balloon-type enclosures for thermal control, experimental investigation, 13004
- Saudi-Arabia, Iraq boundary study, 13271
- Saults, Dan, sport fishing USA, 13260
- Sawmills, sawmilling and logging, West Coast, industry wage survey, 12907
- SBA, *see* Small Business Administration.
- Scale (corrosion):
  - precursing deposition of scale forming compounds on controlled surfaces, tracer study, 12798
- Scallops, bay scallop meats, influence of mechanical processing on quality and yield, 13114
- Scarlet oak, *see* Oak.
- Scattering:
  - from weakly ionized plasma, Thomson's theory, 13028
  - VHF Thomson scatter radar study of mid-latitude ionosphere using Faraday effect, 13177
- Schaller, Carl L., shore evaluation of proprietary 10-20 man waste treatment system designed for shipboard use, final report, 12081
- Schmude, Keith O., soil survey, Washington County, Wis., 13250
- Schmulowitz, Jack, social security benefits and earnings of minority groups in covered employment, 13238
- Scholarships:
  - Army ROTC scholarship program, investment in your future, 11935
  - Foreign Service program—hearing, 12458
  - report, 12429
- School attendance:
  - children of officer or employee of Federal Government residing and working in D.C., should be sent to D.C. public schools, sense of Congress, hearing, 12281
  - dropout prevention program, title 8, Elementary and secondary education act of 1965, manual for project applicants and grantees, 12570
- School children, *see* Children.
- School dropouts, *see* High schools—School attendance.
- School lunches:
  - lunch programs in Nation's schools, 12560
  - National school lunch act, amend and extend—
    - hearing, 12442
    - law, 12122
    - reports, 12215, 12222, 12386, 12426
- Schools:
  - Emergency school aid and quality integrated education act of 1971, report, 12362
  - enrollment—
    - 1970, population characteristics, advance data, 12030
    - school enrollment, Oct. 1970, 12031
  - fares for transportation of school children in D.C., extend subsidy, hearings, 12282
  - lunch programs in Nation's schools, 12560
  - Teachers Corps program at University of Southern California and participating schools in Los Angeles and Riverside Counties, assessment, GAO report, 12722
  - Schroeter, Richard B., U.S. imports of horticultural products, 12658
  - Schultz, Donald F., comparison of simplex and dual-orifice fuel nozzles with ambient and heated fuel in annular turbojet combustor, 13021

Schulz, James H., retirement, background paper, White House Conference on Aging, 13370

Schuyler, William E., Jr.:  
addresses:  
June 17, 1971, 13188  
July 3, 1971, 13187

Schwartz, Ira R., 3d conference on sonic boom research, 12985

Schwartzberg, Henry G., spreading and movement of oil spills, 13383

Schwenk, Albert, influence of selected industry characteristics on negotiated settlements, 12894

Science:  
academic, Federal funds, 13150  
international cooperation, general review, hearings, 12324  
science resources studies highlights, 13152  
science study aids (series), 11897  
surveys of science resources series, 13151  
*see also* names of sciences.

Science and Astronautics Committee, House, hearings, 12324-325

Science and Technology Office:  
appropriations, 1972—  
hearings, 12270  
report, 12227  
waiving points of order, report, 12236

Scientific and technical manpower requirements of selected segments of atomic energy field, 11958

Scientific institutions, *see* Scientific societies.

Scientific research, Federal R&D expenditures related to 1960-72 budget functions, 13152

Scientific societies, scientific centers of future, USSR study, 12874

Scientists, unemployment rates, 13154

Scintillation, scintillating xenon arc flash tube, some properties of its flashes, 12075

Scottish Rite of Freemasonry, supreme council, property in D.C., tax exemption, report, 12157

Scout, *see* Rockets.

Scrap:  
materials, defense scrap yard handbook, 12496  
metals, temporary suspension of duties, continue—  
law, 12129  
reports, 12182, 12436

Screw threads, modified, 60° stub, double, military standard, 12543

Sea, *see* Ocean.

Sea water:  
desalination, report, 12797  
saline water conversion program, extend reports, 12219, 12256  
2,500 gpd seawater reverse osmosis unit, test evaluation, 12809  
VTE pilot plant annual report, 12802

Seals (animals):  
Prohibof seal harvest (address), 12083  
Search effectiveness with starlight scope and 7 x 50 binoculars, 11948

Searchers and seizure, law of search and seizure, handbook, 12879

Seasholts, Richard G., theory of Thomson scattering from weakly ionized plasma, 13028

Seawater, *see* Sea water.

SEC, *see* Securities and Exchange Commission.

Secondary education:  
Bilingual education act, title 7, ESEA, programs, manual for project applicants and grantees, 12575  
Elementary and secondary education act as amended, title 1 allocation of funds, 12465  
focus on innovation, report on status and operation of ESEA title 3, 12371

Securities:  
securities industry, investigation, authorization, report, 12418

Securities—Continued  
U.S. obligations, direct purchase by Federal reserve banks, authorize, extend—  
law, 12130  
report, 12363

Securities and Exchange Commission:  
appropriations, 1972—  
hearings, 12270  
report, 12227  
waiving points of order, report, 12236

Sedimentation and deposition:  
backwater and sedimentation study above Red Bluff Dam, 13216  
geomorphology and sediments of inner Continental Shelf, Palm Beach to Cape Kennedy, Fla., 12577  
Inorganic sediment effect on stream biota, 13366  
sediment in Michigan trout stream, its source, movement, and some effects on fish habitat, 12711

Seedlings, *see* names of plants or trees.

Seeds, *see* names of plants or trees.

Segal, Julius, mental health of child, program reports of National Institute of Mental Health, 13100

Selfert, William W., summary of research at MIT on technology for high speed ground transport, 12653

Selsmicty, *see* Selsmology.

Seismology, seismic research conducted by Institute of Oceanology, USSR study, 12852

Selby, M. C., standard samples issued in USSR, 13061

Selective Service System:  
appropriations, 1972—  
hearings, 12270  
report, 12227  
waiving points of order, report, 12236

Selenium, disposal from national and supplemental stockpiles, report, 12404

Selling, *see* Markets and marketing.

Semiconductors:  
diodes, radiation effects design handbook, 12066  
former workers of Sprague Electric Company plants at North Adams, Mass., etc., Tariff Commission report, 13291  
Sprague Electric Company, North Adams, Mass., Tariff Commission report, 13292

Senate:  
committee funds authorized and expended for inquiries and investigations, staff study, 12478  
documents, 12330-334  
executive documents, 12335  
executive reports, 12336  
reports—  
private bills, 12337-359  
public bills, 12360-440  
standing rules, text, 12479

Senate documents, 12330-334

Senate executive documents, 12335

Senate executive reports, 12336

Senate reports:  
private bills, 12337-359  
public bills, 12360-440

Senior citizens, *see* Aged.

Sensitivity:  
imperfection sensitivity of optimum structural designs for Mars entry capsule, 12967  
optimal nonlinear systems, method for reducing to parameter uncertainty, 13002

Sensors:  
conductivity-temperature-depth under-water sensor unit, 13133  
remote sensing of wind profiles in boundary layer, 13123  
rough spherical balloon wind sensors, aerodynamic properties, 13029  
satellite microwave sensing, potential for hydrology and oceanography measurements, 13127



# INDEX

## Sensors—Continued

- search effectiveness with starlight scope and 7 x 50 binoculars, 11948
- television-type image sensors, astronomical use, symposium proceedings, 12986
- Separation of powers, constitutional provisions as currently applied, investigation and study, report, 12363
- Separation processes:
  - preliminary separation of metals and non-metals from uran refuse, 12952
  - use of vortex flow to separate oil from oil-water mixture, investigation, final report, 12077
- Serial set (congressional), 12111-112
- Series ISP 3, 12038
- Service contract act of 1965, *see* Government contracts.
- Servicemen, *see* Armed Forces.
- Seasile drop method, *see* Sintering.
- Sewage:
  - bacteriological, pollution from municipal and industrial waste discharges on Red River of the North, report, 13349
  - combined sewer overflows, ultrasonic filtration, 13356
  - municipal waste report, metropolitan Denver area, South Platte River basin, appendix, 13202
  - National Capital region water and waste management, report, 12610
  - sewer systems, excessive infiltration and inflow, prevention and correction, practice manual, 13355
  - storm standby tanks, Columbus, Ohio, evaluation, 13354
  - waste water treatment—
    - primer, 13347
    - study of powdered carbons & methods for their application, 13363
- Sewerage, *see* Sewage.
- Sewers, *see* Sewage.
- Sex, unsolicited potentially offensive sexual material, provide mail patrons with means not to receive, reports, 12205, 12235
- Shade trees, *see* Trees.
- Shadow Mountain National Recreation Area, selected sites, ground-water reconnaissance study, 12751
- Shafts:
  - Federal item identification guide, 12532
  - propulsion, ship, Federal item identification guide, 12531
  - ... shall not perish from the earth, 12716
- Shapes, numerical analysis of transient response of ablating axisymmetric bodies including effects of shape change, 13003
- Shawnee National Forest, environment, 12721
- Shea, John R., years for decision, longitudinal study of educational and labor market experience of young women, 12890
- Shear (mechanics):
  - transonic shear flow computational studies, work in progress, 12974
- Sheets, current industrial reports, 12028
- Shellac, disposal from national stockpile, report, 12391
- Shelton, Eda M., motor gasoline, 1970 summer, 12943
- Shepherd, B. P., intake systems for desalting plants, 12813
- Shielding, electronic gasket, Federal item identification guide, 12533
- Shipfitters, shipfitter 3 & 2, rate training manual, 13172
- Shipman, F. H., shock wave study of Coccolino sandstone, 12978
- Shipments:
  - annual survey of manufactures, value of shipments by classes of products, 11962
  - cargo thefts, trucking industry hearings, 12481

## Shipments—Continued

- international cargo, administration's action program to combat theft (re-marks), 13310
- marking, military standard, 12537
- Shippers, intermodal container services offered by U.S. flag operators, 12929
- Shipping, act of 1916, and related acts, as amended through 91st Congress, 2d session, compilation, 12314
- see also* Transportation.
- Shipping containers, *see* Containers.
- Ships:
  - oceangoing merchant ships of 1,000 tons and over scrapped and lost during 1969, list, 12932
  - proprietary 10-20 man waste treatment system designed for shipboard use, shore evaluation, final report, 12081
  - shaft, propulsion, Federal item identification guide, 12531
  - ship operations report, 1970 statistics, 13119
  - shipboard bonding, grounding, and other techniques for electromagnetic compatibility and safety, military standard, 12545
  - see also* Merchant marine—*also* names of ships.
- Shipyards:
  - information sources for Material safety data sheet, maritime safety data, 12891-892
  - naval, inventories, excesses and improvements made, GAO report, 12733
  - safety data, maritime, 12891-892
- Shock waves:
  - Coccolino sandstone study, 12978
  - from concave boundary, formation and propagation, 13018
- Shoes, *see* Boots and shoes.
- Shole Mill, make pallet parts and pulp chips from low-grade hardwoods, 12715
- Shore evaluation of proprietary 10-20 man waste treatment system designed for shipboard use, final report, 12081
- Short circuits, *see* Circuits.
- Shoshone Indians, Wind River Reservation Tribe, judgment funds, disposition, report, 12371
- Siegel, Robert, thermal radiation heat transfer, radiation transfer with absorbing, emitting, and scattering media, 12982
- Sight:
  - night operations, human performance experimentation, technology and instrumentation for field research, 11947
  - search effectiveness with starlight scope and 7 x 50 binoculars, 11948
- Signal lights, *see* Lights and lighting.
- Signals, railway, highway and airways traffic signal colors, history, permanence, and colorimetric properties, glass limit standards deposited at NBS, 13068
- Silicon carbide, disposal from national and supplemental stockpiles, report, 12390
- Silk, spun yarn, suspension of duty, continue, report, 12100
- Slimas, Jose Bettencourt de, relief, 12153
- Simmons, Gene, on the moon with Apollo 15, guidebook to Hadley Rille and Apennine Mts., 13043
- Simmons, John A., fundamental aspects of dislocation theory, conference proceedings, 13062
- Simulation:
  - AADC system operation with E-2B program workload, 13183
  - air traffic control radar beacon code assignment plans, final report, 13069
  - simulated Martian mission, effects on mechanical properties of dacron parachute material, 13006
  - simulation of neural net, USSR study, 12877



Simulators, fixed base, investigation of light-weight vehicles for lunar escape to orbit with kinesthetic attitude control and simplified manual guidance, 13015  
Sintering, reduction-sinter processes, recovery of metals from waste phosphate sludge, 12950  
Sioux Falls, S. Dak., area wage survey, 12596  
Sioux Indians, see Sisseton Indians—Wahpeton Indians.  
Sisal, see Sisal hemp.  
Sisal hemp, sisal, disposal from national stockpile, report, 12409  
Sisseton Indians, Sioux Tribe, judgment funds, disposition, report, 12372  
Site indexes, curves, black, white, scarlet and chestnut oaks in Central States, 12714  
Skilled workers, see Labor.  
Skipjack tuna, see Tuna.  
Skins and skinning, preparing resort development plans, Rocky Mountain Region, guide, 12699  
Skiyomish Indians, see Snoqualmie Tribal Organization.  
Skywater project, see Project Skywater (atmospheric water resources program).  
Slabs, monoenergetic neutrons in a slab with infinite reflectors, solution of initial-value problem in linear transport theory, 13038  
Slaughter, Charles W., Caribou-Poker Creeks research watershed, interior Alaska, background and current status, 12379  
Slaughtering, killing of whales, international 10-year moratorium, report, 12431  
Sleep, chemistry and pharmacology, USSR study, 12572  
Sleeves (clothing and dress):  
Federal item identification guide, 12516  
Slitney, Harold E., friction and wear of sintered tungsten, molybdenum, and cobalt-molybdenum impregnated with fluoride eutectic, 13023  
Sloan, John, American painting, 8-cent commemorative postage stamp (poster), 13324  
Slots, slotted test-section walls to reduce wall interference for high-lift model testing, experimental investigation, 13012  
Small business, see Business.  
Small Business Administration:  
appropriations, 1972—  
hearings, 12268  
report, 12220  
Small Business, Select Committee on, Senate, hearings, 12480-481  
Small-scale test for free-swelling index of coal, 12951  
Smith, H. Clay, tapping near old tapholes in sugar maple trees, 12709  
Smith, L. S., response of teleost fish to environment stress, 13367  
Smith, R. N., field evaluation of radial flow round stack electroanalysis unit, 12506  
Smith, William L., calculation of clear-column radiances using airborne infrared temperature profile radiometer measurements over cloudy areas, 13128  
Smith, William R., simulation of AADC system operation with E-2B program workload, 13183  
Smithsonian Institution:  
appropriations, 1972, report, 12230  
contribution to astrophysics, 12321  
contributions to zoology, 12322-234  
Snake River and Valley, basin, surface water supply, 12763  
Snohomish Indians, judgment funds, disposition, law, 12120  
Snoqualmie Indians, see Snoqualmie Tribal Organization.  
Snoqualmie Tribal Organization, Snoqualmie and Skykomish Tribes, judgment funds, disposition, law, 12120

Snyder, George R., floating laboratory for study of aquatic organisms and their environment, 13112  
Soap, and detergents for home laundering, 11879  
Social and Rehabilitation Service, working papers, 13235  
Social life and customs, see Manners and customs.  
Social problems, see Society.  
Social security:  
act, amend—  
law, 12127  
reports, 12175, 12209, 12216  
agreement with Togo, 13278  
amendments of 1971, reports, 12209, 12216  
benefits and earnings of minority groups in covered employment, 13238  
benefits, increase, amendments of 1971, reports, 12209, 12216  
introduction, programmed learning text, 13242  
medical insurance, medicare handbook, 13241  
research and statistics notes, 13238-239  
rulings on Federal old-age, survivors, disability, and health insurance, 13240  
survey of disabled, reports, 13236  
see also Public welfare.  
Social Security Administration, SSI series, 13241-242  
Social work and problems, see Public welfare.  
Social workers, national study of social welfare and rehabilitation workers, work, and organizational contexts, 13235  
Society, social responsibility, profitability and responsibility, public and private (remarks), 12664  
Soil conservation:  
after Camille, conservation recovery follows disaster in Virginia, 13243  
conservation practices, engineering field manual, notice, 13244  
soil conservation and domestic allotment act, county committees, consolidate for more efficient operation, report, 12413  
Soil Conservation Service:  
career opportunities, 11887  
projects, hearings, 12476  
soil science career, 11886  
Soil erosion, corrugated-metal pipe under-drain energy dissipators, hydraulic model studies, 13222  
Soil scientists, career for you, Soil Conservation Service, 11886  
Soils:  
George Washington National Forest, 12717  
soil survey reports—  
Keokuk County, Ia., 13246  
LaMoure County and parts of James River Valley, N. Dak., 13247  
Powder River area, Mont., 13248  
Stevens County, Minn., 13249  
Washington County, Wis., 13250  
Solar flares, solar geophysical activity associated with geomagnetic storm of Mar. 8, 1970, compilation of data, 12008  
Solar sails, see Heliogyro.  
Soldotna, Alaska, hydrologic data of Kenai-Soldotna area, 12752  
Solid waste, see Waste products.  
Someplace secure, Neighborhood Centers Day Care Association, Houston, Tex., 12568  
Something new in white, fascinating career job opportunity opening up for trained dental assistant, 13103  
Something of our own, film, 12785  
Sonic boom:  
Helmholtz resonances in rooms with windows and doorways, model studies, 12963  
research, conference proceedings, 12985

# INDEX

- Sonic boom—Continued
  - simulated, with low and high intensity vibrational components, effects on muscle tension and tracking task performance, 12064
- Sound:
  - correlation of secondary sonic and supersonic gaseous jet penetration into supersonic crossflows, 13026
  - nonlinear acoustic theory of porous materials, 13000
  - self and mutual acoustic radiation impedances for pistons in plane infinite rigid baffle, 13173
  - transmission loss and fluctuations of 3-kHz sound in shallow water, experiment, 13182
  - ultrasonic filtration of combined sewer overflows, 13356
  - see also Noise.
- South America, east coast, tide tables, high and low water predictions, 13120
- South Bend, Ind., area wage survey, 12902
- South Carolina:
  - census of population, 1970, number of inhabitants, 11986
  - county business patterns, 12016
- South China Sea, gazetteer, official standard names, 12742
- South Concho River, Red Arroyo, San Angelo, Tex., special flood hazard information report, 12594
- South Dakota:
  - census of housing, 1970, general housing characteristics, 11971
  - county business patterns, 12017
- South Platte River and Valley:
  - basin—
    - industrial waste pollution—
      - meat industry waste, study, 13352
      - outfall study, location and sampling results, 13351
    - municipal waste report, metropolitan Denver area, appendix, 13202
  - pollution of basin in Colorado, conference proceedings, 13342-343
  - water pollution investigation—
    - exhibits and appendices, 13206
  - report, 13207
- Sows, see Swine.
- SP series, see Federal Maritime Commission—Maritime Administration—National Aeronautics and Space Administration.
- Space, urban open space, workshop, 12787
- see also Outer space.
- Space capsules, see Spacecraft.
- Space flight, see Astronautics.
- Space missions, simulated Martian mission, effects on mechanical properties of dacron parachute material, 13006
- Space stations, see Satellites.
- Space tools, NASA, and equipment, potential, list, 12061
- Spacecraft:
  - imperfection sensitivity of optimum structural designs for Mars entry capsule, 12067
  - longitudinal stability characteristics of preliminary configurations for Scout D at Mach numbers 0.20 to 4.63, 13005
  - Lunar Orbiter meteoroid experiments, description and results from 5 spacecraft, 13008
  - manned space flight, biomedical research and computer application, report, 12990
  - thermal response of high-density phenolic-nylon on spacecraft launched by Pacemaker vehicle system, analysis, 13013
- Spacecraft modules, lightweight vehicles for lunar escape to orbit with kinesthetic attitude control and simplified manual guidance, fixed-base simulator investigation, 13015
- Spain, Jayne B., nomination, hearing, 12471
- Spanish-Speaking People, Cabinet Committee on Opportunities, see Cabinet Committee on Opportunities for Spanish-Speaking People.
- Sparks, G. A., mathematical model for evaluating priority lane operations on freeways, 12636
- Sparks, W. M., partition functions and equations of state in plasmas, 12989
- Spears, Charles F., pales weevil, 12695
- Special reports, Cold Regions Research and Engineering Laboratory, 12579-580
- Special Representative for Trade Negotiations, Office of:
  - appropriations, 1972—
    - hearings, 12268
    - report, 12220
- Spectra, NASA LRC faint meteor spectra patrol, 13014
- Spectrographs, NASA LRC faint meteor spectra patrol, 13014
- Spectrum, see Spectra.
- Speed, see Air speed.
- Spence, David C., effects of simulated Martian mission on mechanical properties of dacron parachute material, 13006
- Spill prevention techniques for hazardous polluting substances, 13346
- Sport Fisheries and Wildlife Bureau, programs, 13256
- Sport fishing USA, 13260
- Sprague Electric Co.:
  - capacitors and semiconductors, former workers in plants at North Adams, Mass., etc., Tariff Commission, report, 13291
  - North Adams, Mass., capacitors and semiconductors, Tariff Commission report, 13292
- Spreading and movement of oil spills, 13353
- SSI series, 13241-242
- SST (supersonic transports), see Aircraft—Airplanes.
- Stability:
  - algorithm for Liapunov stability analysis of complex nonlinear systems with applications to orbiting astronomical observatory, 12959
  - thermal, ethylenedinitrilotetraacetic acid and its salts, oxygen effects on thermal decomposition of tetrasodium ethylenedinitrilotetraacetate in aqueous solutions, 13184
- Stability of aircraft, longitudinal stability characteristics of preliminary configurations for Scout D at Mach numbers 0.20 to 4.63, 13005
- Stability of spacecraft, satellite gravitational stabilization system with gyroscopic damping, conditions of stability, USSR study, 12357
- Stabilization, see Prices.
- Standards and standardization:
  - Federal standards, 12675-676
  - Federal test method standards, 12677
  - glass limit standards deposited at NBS for railway, highway and airways traffic signal colors, history, permanence, and colorimetric properties, 13068
  - military standards, 12537-545
  - National Bureau of Standards, standard reference materials—
    - calibration of secondary standard magnetic tape (computer amplitude reference) SRM 3200 using reference tape amplitude measurement process A model 2, 13060
    - standard samples issued in USSR, 13061
  - see also subjects.
- Standing Rock Agency, Fort Yates School, Fort Yates, N. Dak., economic feasibility of modernization of dormitories 34, 35, and 36, study, 12791

**Stans, Maurice H.:**

addresses, etc.—  
June 10, 1971, 12085  
June 21, 1971, 12082  
June 28, 1971, 12084  
July 5, 1971, 12097  
July 6, 1971, 12083

Stanton, Frank, President, Columbia Broadcasting System, Inc., network news documentary practices, contempt of Congress, proceeding against, report, 12262  
Stark effect, effect of time ordering on Lyman a profile, 13058

State aid, *see* Grants-in-aid.

**State Department:**

appropriations, 1972 report, 12220  
background notes, 13261-265  
foreign affairs aspects of Federal research, need to improve review and coordination, GAO report, 12734  
records, microcopy, pamphlet to accompany, internal affairs, 1910-20, Persia, 13052

**States:**

climates, 12604-607  
cooperative Federal-State meat inspection program, hearing, 12443  
Federal population and mortality census schedules, 1790-1890 outline of lecture on their availability content, and use, 13055  
FHA homes, insuring operations under sec. 203, 1969 data, 12639

firearms, laws and local ordinances published relevant to title 18, U.S.C., chap. 44, 12818  
laws pertaining to phenylketonuria, 12935  
salary ranges of positions in employment security, public welfare, public health, mental health, civil defense, vocational rehabilitation, 12047

State maximums and other methods of limiting money payments to recipients of special types of public assistance, 13076  
tax revenue, quarterly summary, 12037  
*see also* Revenue.

Statistics, statistical training programs by Bureau of Census, 12039  
*see also* names of departments, etc issuing statistics—*also* subjects.

Statutes, *see* Law.

Stealing, theft of international cargo, administration's action program to combat (remarks), 13310

**Steel:**

pressure-vessel steel and weldments, major factors affecting neutron irradiation embrittlement, 13174  
thick-walled pressure vessel steels, analysis of radiation-induced embrittlement gradients on fracture characteristics, 13175  
Steele, Lendell E., major factors affecting neutron irradiation embrittlement of pressure-vessel steel and weldments, 13174  
Steizer, Milton J., western tent caterpillar, 12697

Stevens County, Minn., soil survey, 13249  
Stevenson, Robert L., relief, 12348

Stewart, David A., convective heat-transfer rates on blunted 110° cone with hemispherical afterbody at hypersonic speeds, 13037

Stewart, Robert E., classification of natural ponds and lakes in glaciated prairie region, 13259

Stienbauer, Clarence E., sweetpotato culture and diseases, 11872

Stiffness, integrally stiffened cylinders subjected to bending, buckling tests, 13009  
Stockpiling, *see* Strategic materials.

STOL (short takeoff and landing), *see* Aircraft.

Stonewall, Colo., area, reconnaissance/alternatives report on national park possibilities, 13145

**Storage:**

Army technical manual, change, 11945  
marking, military standard, 12537  
*see also* names or classes of articles stored.

Storey, C. L., distribution of grain fumigants in silo-type elevator tanks by aeration systems, 11883

Storms, storm standby tanks, Columbus, Ohio, evaluation, 13354

Stoves, ranges, maintenance, local housing authority management guide, 12780

**Strains and stresses:**

buckling tests of 2 integrally stiffened cylinders subjected to bending, 13009  
fatigue failure of metal components factor in civil aircraft accidents, 13159  
high-frequency direct-stress fatigue machine, determination of dynamic loads, 13070  
rolling-element fatigue life with fluorinated ether lubricant at cryogenic temperature of 170 K (305° K), effects of contact angle, 13025  
strength and deformability of rocks at low temperatures, 12578

**Strategic materials:**

disposal from national and/or supplemental stockpiles of—  
abaca, report, 12408  
amosite asbestos, report, 12411  
antimony, report, 12401  
celestite, report, 12405  
chromite, chemical grade, report, 12398  
chromium metal, report, 12397  
columbium, report, 12403  
diamond stones, industrial, report, 12402  
diamond tools, report, 12396  
industrial diamond crushing bort, report, 12387  
iridium, report, 12392  
kyanite-mullite, report, 12410  
magnesium, report, 12407  
manganese, battery grade, synthetic dioxide, report, 12395  
manganese, metallurgical grade, report, 12394  
mica, report, 12393  
rare earth materials, report, 12399  
selenium, report, 12404  
shellac, report, 12391  
silicon carbide, report, 12390  
sisal, report, 12409  
thorium, report, 12386  
vanadium, report, 12406  
vegetable tannin extracts, report, 12388  
zinc, report, 12400

Stratosphere, SST operation, effects, 13130  
Strawberries, California, air transport, pallet covers to maintain modified atmospheres and reduce market losses, 11884

Streams, *see* Rivers—*also* names of streams.  
Streets, *see* Roads and highways.

Streib, Gordon F., retirement roles and activities, background paper, White House Conference on Aging, 13371

Strength of materials, *see* names of materials and articles.

**Strikes and lock-outs:**

railway labor-management dispute, 1971, temporary strike prohibition—  
hearing, 12306  
report, 12364

Structural clay products, *see* Clay.  
Structural designs, *see* Designs (industrial).  
Structural dynamics, *see* Dynamics.  
Structural engineering, *see* Building.  
Structures, *see* Earthwork and structures.

# INDEX

- Students:
  - Coast Guard Academy, New London, 1971/72 counselor's handbook with profile for advising students applying for appointment, 12069
  - health professions, loan and scholarship extension, reports, 12189, 12210
  - Subbotin, V. N., natural convection heat transfer in boiling of metals, 13039
  - Subsonic aircraft, *see* Aircraft.
  - Subversive activities, *see* Un-American activities.
  - Subversive Activities Control Board:
    - appropriations, 1972—
    - hearings, 12268
    - report, 12220
  - Sugar:
    - act of 1948, amend and extend—
    - hearings, 12264, 12454
    - reports, 12186, 12199
  - Sugar beets, feed grain bases for certain growers, establish, hearings, 12263
  - Sugar maple, *see* Maple.
  - Suisun Bay, Delta area, Calif., spill prevention techniques for hazardous polluting substances, inventory and survey of hazardous chemical facilities, 13446
  - Summer employment, *see* Employment.
  - Summit County, Ohio:
    - Cuyahoga River, Akron to Summit-Portage County line—
    - flood plain information, 12584
    - floods, 12590
  - Superconductivity, superconducting properties of niobium films, 13080
  - Superior National Forest, factors influencing campground use, 12712
  - Supersonic aircraft, *see* Aircraft.
  - Supersonic flow, *see* Flow.
  - Supersonic speed, *see* Air speed.
  - Supersonic Transport Development Office, analysis of U.S. aerospace and air transport industries, 13303
  - Supervision, *see* Supervisors.
  - Supervisors:
    - first-line supervisors in rehabilitation, principles and practices, 8th institute on rehabilitation services, training guide, 13228
    - management development program for organizational improvement, 12063
  - Supplies, *see* Dental supplies—Government supplies—Hospital apparatus and supplies—Surgical supplies.
  - Supply catalogs, *see* Military supplies.
  - Supports:
    - electric and electronic bases, holders, and supports, Federal item identification guide, 12509
    - tunnel support structure, analysis with consideration of support-rock interaction, 12946
  - Supreme Court, Administrative Assistant to Chief Justice, appoint, reports, 12204, 12234
  - Surface active agents, production and sales, 13298
  - Surface water, *see* Water.
  - Surfaces:
    - controlled, prescaling deposition of scale forming compounds, tracer study, 12798
    - pavement surface cracking, Amedee Army Airfield, Hurlong, Calif., investigation, 12603
    - surface films, effect on deformation of zinc single-crystal surface during sliding, 13024
  - Surfacing materials, expedient surfacing and drainage of roads, streets, and parking and storage areas in theater of operations, 12601
  - Surgical instruments and apparatus, medical and surgical instruments, equipment, and supplies, Federal item identification guide, 12523
  - Surgical supplies, medical and surgical instruments, equipment, and supplies, Federal item identification guide, 12525
  - Surplus military property, *see* Surplus property.
  - Surplus property:
    - defense disposal manuals, 12493, 12495
    - change, 12494
  - Surveys, *see* subjects of surveys.
  - Survival, hurricane, general instructions, 13131
  - Survivors benefits, social security rulings, 13240
  - Swamplands, glaciated prairie region, classification of natural ponds and lakes, 13259
  - Sweet, George E., experimental investigation of three-balloon-type enclosures for thermal control of satellites, 13004
  - Sweet potatoes, *see* Sweetpotatoes.
  - Sweetpotatoes, culture and diseases, 11872
  - Swine:
    - farrowing house for hogs, 11889
    - hogs and pigs, U.S. and 10 corn belt States, 13284
  - Swisher, Idella G. sources and size of income of disabled, 13236
  - Symmetry, numerical analysis of transient response of ablating axisymmetric bodies including effects of shape change, 13003
  - Symposiums, *see* subjects.
  - Synthetic organic chemicals, *see* Organic compounds.
  - System can work, case study in contract compliance, 12055
  - Systems:
    - implantable biotelemetry systems, report, 12991
    - maintenance program evaluation conducted in Alaskan region of commissioned airways, report, 12623
    - systems approach, philosophical-methodological problems, USSR study, 12865
    - systems research, USSR study, 12844
    - see also* names or types of systems.
  - Systems Research and Development Service:
    - report RD series, 13287-289
    - scientific and technical papers, list, 13290

## T

- Tables (compilation), *see* subjects.
- Taiwan, foreign trade regulations, 12094
- Take command of your future, 11941
- Tanks (combat vehicles):
  - armor, U.S. Army, general information, 11925
- Tanks (containers):
  - silo-type elevator tanks, distribution of grain fumigants by aeration systems, 11883
  - storm standby tanks, Columbus, Ohio, evaluation, 13354
- Tannins, vegetable tannin extracts, disposal from national and/or supplemental stockpiles report, 12388
- Tape (magnetic), *see* Magnetic tape.
- Tapping near old tapholes in sugar maple trees, 12709
- Tar roofing, *see* Roofing.
- Tariff:
  - act of 1930, as amended, special and administrative provisions under titles 3 and 4 text, supp., 13296
  - developing countries, tariff preferences, existing and proposed arrangements, research study, 13297
  - duty free entry of gifts from servicemen in combat zones, report, 12184
  - schedules of United States, amend to extend exemption for gifts from servicemen in combat areas, report, 12184
- Tariff Commission:
  - appropriations, 1972—
  - hearings, 12268
  - report, 12220

**Tax, see Taxation.**

**Tax exemption, Scottish Rite of Freemasonry, supreme council, property, report, 12157**

**Tax-sheltered annuities for D.C. teachers, 12252**

**Taxation:**

join the world of international taxation, career opportunity, 12817

quarterly tax report, 12037

State and local revenue quarterly summary, 12037

taxes paid by firms marketing farm food products, 12557

see also Inheritance and transfer tax—Internal revenue—Revenue—also names of articles, etc., subject to tax.

**Taxes, see Taxation.**

**Teachers:**

District of Columbia—interstate agreement on qualification of educational personnel, report, 12251  
tax-sheltered annuity contracts, agreement to purchase, report, 12252

**Teachers Corps, assessment of impact of program at University of Southern California, and participating schools in Los Angeles and Riverside Counties, GAO report, 12722**  
Teaching, mingardens, teacher's guide, 11897

**Technical bulletins, Agriculture Department, 11903**

**Technical manuals, Army Department, 11942-946**

**Technical memorandums:**

Coastal Engineering Research Center, 12577

Environmental Science Services Administration, 13122

National Oceanic and Atmospheric Administration, 13127-129

**Technical notes:**

National Aeronautics and Space Administration, 12999-13037

National Bureau of Standards, 13066-72

Technical progress reports, Mines Bureau, 12953

Technical reference, Department of Labor safety training program, LS series, 12893

**Technical reports:**

Army Air Mobility Research and Development Laboratory, 11950-952

Environmental Science Services Administration, 13123

Eustis Directorate, Army Air Mobility Research and Development Laboratory technical reports, list, 11949

highway planning, 12632-633

Natick Laboratories, 11936

National Aeronautics and Space Administration, 13038

National Oceanic and Atmospheric Administration, 13130

Technical research notes, Behavior and Systems Research Laboratory, 11947

Technical research reports, Behavior and Systems Research Laboratory, 11948

Technical translations, National Aeronautics and Space Administration, 13039-42

Technicians, pay, New York State, 12914

**Technology:**

case for technology (address), 12089

utilization (series), 12991, 12993, 12995

see also subjects.

**Teeth:**

dental caries research projects sponsored during FY by Federal and Non-Federal organizations, 13095

dental services, guide for dental health personnel, Project Head Start, 12766

**Telecommunication:**

aeronautical, in Southeast Asia, 13302

telecommunications research report, OT/ITSRR series, 12090-12100

Teleostei, response of teleost fish to environmental stress, 13367

**Television:**

broadcasts demeaning ethnic, racial or religious groups, producers to adhere to code of ethics, hearings, 12301

paid advertisements broadcast for Government, Federal, State, and local, expenditure of public funds, expressing sense of Congress, hearings, 12304

television-type image sensors, astronomical use, symposium proceedings, 12986

**Temperature:**

airborne infrared temperature profile radiometer measurements over partly cloudy areas, calculation of clear-column radiances, 13128

cycle of Lake Michigan, spring and summer, 13129

high, vibrational excitation mechanisms of CO<sub>2</sub> study, 12977

low temperature effects on strength and deformability of rocks, 12578

oxidation rate at high temperatures reaction-rate control or transport control, 13017

selected meridional cross sections of Northern Hemisphere, atlas, 13163

stream temperature, analysis of variations in upper Delaware River basin, N.Y., 12765

Tennessee, county business patterns, 12018

Tensile strength, see Strains and stresses.

Tensile stress, see Strains and stresses.

Tent caterpillars, description, control, etc., 12697

**Terminals (transportation):**

decade of decision, report, 12651

**Terrain:**

lunar, mapping and relative-roughness analysis, 12755

selected meridional cross sections of heights of Northern Hemisphere, atlas, 13163

Terrel County, Tex., Sanderson Canyon watershed work plan, 12473

**Terrestrial magnetism:**

dynamics of radiation belts of the earth, 13041

geomagnetic storm of Mar. 8, 1970, data on associated solar-geophysical activity, 12608

Testing, see subjects.

Tests, see names or types of tests—also subject of tests.

**Texas:**

addition of land acquired from United Mexican States, cede jurisdiction to, consent of Congress—

law, 12125

report, 12414

mineral industry, minerals yearbook chapter, 12942

postal service, staff investigative report, 12323

Texas City, Tex., spill prevention techniques for hazardous polluting substances, inventory and survey of hazardous chemical facilities, 13346

**Textiles:**

flammable fabrics, 2d annual report under act of 1967, studies through June 1970, 12681

imported fabrics, require label containing cleaning instructions, bearing, 12305

Thailand, aeronautical telecommunication in Southeast Asia, 13302

Theater of operations, see Combat areas.

Theft, see Larceny—Stealing.

Thermal analysis, see Heat.

Thermal cycling, cyclic oxidation resistance of clad IN-100 at 1040° and 1090° C: time, cycle frequency, and clad thickness effects, 13010

Thermal decomposition, see Decomposition.

Thermal insulation, see Insulation.

Thermal properties, thermal sensing of atmosphere from satellites, 13040



# INDEX

- Thermal protection:**  
diffusion and copolymerization of polyacrylic acid in nylon 66 fibers to achieve improved thermal protection and higher moisture regain, 11936  
three balloon type enclosures for thermal control of satellites, experimental investigation, 13004
- Thermal radiation, heat transfer, radiation transfer with absorbing, emitting, and scattering media, 12982**
- Thermal stability, see Stability.**
- Thermodynamics, see Heat—Heat transfer.**
- Thermophysical properties of oxygen from freezing liquid line to 600 R for pressure to 5000 Psia, 13066**
- Thompson, Donald G., soil survey, LaMoure County and parts of James River Valley, N. Dak., 13247**
- Thompson, Klingley P., CROSEC, Fortran IV-APT program to give orthographic, section, and definable perspective views of planar-curved surface, 13179**
- Thomson processes, VHF Thomson scatter study of midlatitude ionosphere using Faraday effect, 13177**
- Thorium, disposal from national and supplemental stockpiles, report, 12389**
- Thought, psychological theory of thinking and cybernetics development, USSR study, 12853**
- Three Sisters Wilderness, Deschutes and Willamette National Forests, exploring wildlife, etc., 12719**
- Thrust, thrusting trajectory minimization program for orbital transfer maneuvers, 12999**
- Thunderstorms, hourly probability of worldwide occurrence, 12100**
- TIAS series, 13272-280**
- Tides, tables, North and South America, East Coast including Greenland, 13120**
- Tilton, McLane, papers in Marine Corps Museum, 1861-1914, register, 12925**
- Timber, piling, highway construction use factor, 12631**
- Time:**  
and frequency, bibliography of NBS literature published 13065  
time ordering effect on Lyman  $\alpha$  profile, 13063
- Timm, Robert D., address, May 14, 1971, 12059**
- Tinamous, spotted, general information, 13258**
- Titanium, fuselage environmental conditions in post-crash fires, final report, 13288**
- TNT, see Trinitrotoluol.**
- Tobacco:**  
burley, poundage quotas, law, 12115  
tax guide, 12820
- Togo, social security, agreement, 13278**
- Tompkins, Stephen S., numerical analysis of transient response of ablating axisymmetric bodies including effects of shape, change 13003**
- Tooling, CROSEC, Fortran IV-APT program to give orthographic section, and definable perspective views of planar-curved surface, 13179**
- Tools, see Hand tools.—Space tools.**
- Tornadoes, hurricane safety rules, 13125**
- Tourism, see Tourist trade.**
- Tourist trade:**  
promotion of world tourism in the Americas, (remarks), 13332  
selling America's tourist attractions for profit (remarks), 13331
- Towels, current industrial reports, 12028**
- Towns, see Cities and towns.**
- Tracer studies:**  
presealing deposition of scale forming compounds on controlled surfaces, 12798  
trace metal detection technique in law enforcement, 12852
- Tracking, effects on muscle tension and tracking task performance of simulated sonic booms with low and high intensity vibrational components, 12964**
- Traction, aircraft and vehicular steering, axle, wheel, and tract components, Federal item identification guide, 12498**
- Tractors, tractor parts, Tariff Commission report, 13299**
- Trade, see Commerce—also names or classes of commodities.**
- Trade Negotiations, Office of Special Representative, see Special Representative for Trade Negotiations, Office of.**
- Trademarks:**  
domestic and international studies, authorize, hearings, 12311  
filing, relief in cases affected by emergency situation caused by U.S. postal service begun on Mar. 18, 1971, hearings, 12311  
impact of trademarks on future needs of our society (address), 13188  
role in changing world (remarks), 12098
- Traffic:**  
railway, highway and airways traffic signal colors, history, permanence, and colorimetric properties, glass limit standards deposited at NBS, 13068  
safety program, development of proposed standards, proposed revision of highway safety program standards, Task force I, report, 13088  
*see also* Air traffic.
- Trailers, vehicles and trailers, Federal item identification guide, 12534**
- Training, Government employees training act reporting requirement, amend U.S. Code, hearings, 12315**  
*see also* subjects.
- Trajectories, thrusting trajectories minimization program for orbital transfer maneuvers, 12999**
- Trans-Alaska—North Slope Oil Pipeline, international trade and new jobs for American merchant marine, address, 12082**
- Transfer of heat, see Heat transfer.**
- Transfer stations, operations, accounting system, 13252**
- Transient responses, see Responses.**
- Translations, technical, National Aeronautics and Space Administration, 13039-42**
- Transmission loss see Transmissions.**
- Transmissions, transmission loss and fluctuations of 3-kHz sound in shallow water, experiment, 13182**
- Transonic flow, see Flow.**
- Transport equations, see Equations.**
- Transport properties, and permeability of reconstituted cell membranes, study, 12805**
- Transportation:**  
air transport of California strawberries, pallet covers to maintain modified atmospheres reduce market losses, 11884  
airlift service Air Force Industrial Fund, Air Force manual, 11908  
high speed ground transportation—summary of research at MIT on technology, 12653  
use of aerodynamic lift, 12654  
transportation accidents in bituminous coal mines, causes and prevention, 12939  
transportation and community values, good transportation means better community lift, 12625  
transportation needs of rural poor, 13211  
urban planning, evaluation, 13307  
*see also* Motorbuses.
- Transportation Department:**  
appropriations, 1972—  
hearings, 12269  
report, 12269
- DOT TST series, 13305-6**
- Transports, supersonic, tentative airworthiness standards, 12679**



**Travel:**

United States Travel is fostering greater travel to America (remarks), 13330  
USA, great outdoors, please come, invitation from people of U.S., 13329  
weekend recreational travel patterns, 12632

Traversing mechanisms, in-flight use of traversing boundary-layer probes, 13038

Trays, ash receivers, tobacco, Federal standard, change, 12676

**Treasury Department:**

appropriations, 1972, report, 12218, 12245, 12435

department circulars, 13312-313

public debt series, 13314

role in anti-heroin action program (statement), 13322

sale of U.S. obligations directly to Federal reserve banks extend authority—  
hearing, 12280

law, 12130  
reports, 12208, 12233, 12363

Treasury notes, 5 percent, series E-1972, 13314

**Treaties:**

treaties and other international acts series, 13272-280

treaties and other international agreements, 13282

Trees, protecting shade trees during home construction, 11877

Trial by jury, *see* Jury.

Trial examiners, *see* Hearing examiners.

Trial Examiners Division, NLRB public manual, 13111

Trichinosis, surveillance, annual summary, 12046

Trinitrotoluol, military grade, TNT vapor, composition and mass spectra of impurities, 12589

Trinity River and Valley, hydrologic data basin, 1969 annual compilation and analysis, North Creek, 12744

Troops, *see* Armed Forces.

Trout, stream, sediment, its source, movement and some effects on fish habitat, 12711

Truck drivers, *see* Motortruck drivers.

Trucking, *see* Motortrucks in freight service.

Trust funds, *see* Trusts and trustees.

Trust Territory of Pacific Islands, claims of inhabitants who suffered damages in World War II, provide payment, report, 12188

Trusts and trustees, jointly administered trust funds for product promotion, employer contributions, permit, hearing, 12286

**Tubes:**

advanced evaporator tubes for long-tube vertical evaporators, performance characteristics, 12801

flexible, spiral-reinforced circular ventilation tubing, 12948

hose, pipe and tube fittings, Federal item identification guide, 12512

tube vehicles, experimental investigation of near flow field, 12652

*see also* Electron tubes.

Tubing, *see* Tubes.

Tulare County, Calif., floods of Dec. 1966, 12759

Tuna, skipjack tuna, 7 Hawaiian fishing vessels, June-Aug. 1967, analysis of operations, 13115

**Tungsten:**

new internal oxidation process for strengthening, 12944

sintered tungsten, molybdenum, and cobalt-molybdenum impregnated with fluoride eutectic, friction and wear, 13023

**Tunnels:**

and bridges on airports serviced by air carriers, design standards, 11923

support structure, analysis with consideration of support-rock interaction, 12946

Turbine nozzles, *see* Nozzles.

Turbines, high-temperature radial turbine, design and experimental evaluation, 11951

**Turbulence:**

experimental study of 1- and 2-component low-turbulence confined coaxial flows, 12980

spanwise variation of gust velocity, effect on alleviation system designed for uniform gust velocity across span, 13019

study of structure of jet turbulence producing jet noise, 12975

Turbulent boundary layer, *see* Boundary layer.

**Tutulla Creek:**

Pendleton, Oreg., and vicinity—

flood plain information, 12588

floods, 12589

TV, *see* Television.

Twigg, Levi, papers in Marine Corps Museum, 1834-50, register, 12928

Tybee Island, Ga.:

engineers report—

departmental edition, 12596

document edition, 12141

Typewriters, current industrial reports, 12029

**U**

Uchida, Richard N., analysis of operations of 7 Hawaiian skipjack tuna fishing vessels, June-Aug. 1967, 13115

Ultrasonics, *see* Sound.

Ultraviolet light, *see* Light.

Umatilla River, Pendleton, Oreg., and vicinity, flood plain information, 12588

Un-American activities, Subversive activities control act of 1950, administration, hearings, 12300

Underdeveloped areas, tariff preferences for developing countries, existing and proposed arrangements, research study, 13297

Underwater sound, *see* Sound.

Unemployed, unemployment rates for scientists, 13154

*see also* Labor.

Unemployment insurance, State salary ranges of positions in employment security, 12067

Union of Soviet Socialist Republics:

international negotiation, process and problems, hearings, 12459

standard samples issued in USSR, standard references materials, 13061

Union wages, *see* Wages.

Unions, *see* Credit unions.

United Arab Republic (Egypt):

background notes, 13265

United States:

NOTE.—For all subjects pertaining to the United States, except its government, general history, and description, *see* such subjects.

becoming a citizen series, our American way of life, 12789

great outdoors, please come, invitation from the people, 13329

selling America's tourist attractions for profit (remarks), 13331

United States Code, *see* Codes of law.

United States Information Agency:

appropriations, 1972,—

hearings, 12268

report, 12220

United States Postal Service:

appropriations, 1972, report, 12218, 12245, 12435

posters, commemorative stamps, 13324-327

United States Tax Court, appropriations, 1972, report, 12218

# INDEX

Universities, *see* Colleges and universities.  
 University of Southern California, Teachers Corps program at University and participating schools in Los Angeles and Riverside Counties, GAO report, 12722  
 Upper atmosphere, *see* Atmosphere.  
 Upper Skagit Indians, judgment funds, disposition, law, 12120  
 Upper Snake River project, Salmon Falls Division, construct, operate, and maintain, report, 12423  
 Uranium, Flat Top uranium mine, Grants, N. Mex., structural and mineralogical characteristics, 11953  
 Urban areas, *see* Cities and towns.  
 Urban life, *see* Cities and towns.  
 Urban renewal, *see* Redevelopment (city planning, etc.).  
 Uremia, chronic, research and development program, opportunities for participation, 13092  
 Uruguay, foreign trade regulations, 12095  
 USAAIRDL technical reports, 11950-951  
 USAAVLABS technical reports, 11952  
 USA, *see* United States Information Agency.  
 USSR, *see* Union of Soviet Socialist Republics.  
 Utah:  
   census of housing 1970, general housing characteristics, 11972  
   central, recreation and wildlife on BLM lands, 12916  
   crude oils, characteristics of 67, samples, 12949  
   southwest, recreation and wildlife on BLM lands, 12919  
   west central, recreation and wildlife on BLM lands, 12920  
 Ute Indian Tribe, day care center, Fort Duchesne, Utah, study in child care, 12566  
 Utensils, *see* Implements, utensils, etc.  
 Utilities, maintenance of underground utilities, local housing, authority management guide, 12779

## V

VA, *see* Veterans Administration.  
 Valves:  
   refractory metal, for 1900° F service in alkali metal systems, 12973  
   technology, compilation, 12993  
 Vanadium, disposal from national stockpile, report, 12406  
 Van Buskirk, William R., German, programmed introduction, 13270  
 Van Lewen, M. C., prospects for developing stock-water supplies from wells in northeastern Garfield County, Mont., 12764  
 Van Vain, Charles C., effects on stratosphere of SST operation, 13130  
 Vedros, P. J., investigation of pavement surface cracking, Amedee Army Airfield, Herlong, Calif., 12603  
 Vegetable gardens, *see* Gardens.  
 Vegetables:  
   fresh, shipment by commodities, States, etc., 12452  
   home canning, 11875  
 Vehicles:  
   and trailers, Federal item identification guide, 12534  
   lightweight, kinesthetic attitude control and simplified manual guidance, for lunar escape to orbit, fixed-base simulator investigation, 13015  
   tube, experimental investigation of near flow field, 12652  
   *see also* Aircraft—Motor vehicles—Spacecraft.  
 Velocity:  
   gust velocity, effect of spanwise variation on alleviation system designed for uniform gust velocity across span, 13019  
   study of structure of jet turbulence producing jet noise, 12075

Veneers, Federal item identification guide, 12523  
 Venesky, David L., thermal stability of ethylenedinitrilotetraacetic acid and its salts, oxygen effect on thermal decomposition of tetrasodium ethylenedinitrilotetraacetate, in aqueous solutions, 13184  
 Ventilation, *see* Mine ventilation.  
 Vermont, Connecticut River basin, comprehensive study, supplement, inventory of potential upstream reservoir sites, 11873  
 Vertical Tube Evaporator Pilot Plant, annual report, 12802  
 Veterans:  
   benefits—  
     slide chart calculator, print additional copies, report, 12165  
     veterans with service since Jan. 31, 1955 and their dependents, summary, 13335  
   direct loans, VA to sell under prevailing mortgage market conditions, authorize report, 12228  
   educational benefits, further action by Veterans Administration could reduce administrative costs and improve service, GAO report, 12730  
   loans, guaranteed and direct, questions and answers, 13336  
   publications, price list, 13195  
   Servicemen's, veterans, and ex-servicemen's drug treatment and rehabilitation act of 1971, report, 12242  
 Veterans Administration:  
   appropriations, 1972—  
     hearings, 12270  
     report, 12227  
     waiving points of order, report, 12236  
   automated supply system, opportunities for improving, GAO report, 12736  
   career opportunities, engineers, civil, electrical, mechanical, and architects, 13334  
   direct loans to veterans, sell under prevailing mortgage conditions, authorize, report, 12228  
   further action could reduce administrative costs, and improve service to veterans receiving educational benefits, GAO report, 12730  
   information bulletin IB series, 13333  
   insurance programs, operation, review, hearings, 12327  
   medical information exchange program, extend authority, report, 12229  
   medical programs, operation, funding and legislation, hearings, 12326  
   Servicemen's, veterans and ex-servicemen's drug treatment and rehabilitation act of 1971, report, 12242  
   State medical schools, establish, assistance, report, 12241  
   VA pamphlets, 13334-337  
 Veterans' Affairs Committee, House:  
   hearings, 12326-327  
   proceedings, print, report, 12167  
   reports, 12228-229, 12241-242  
 Veterans' Affairs Committee, Senate, employment of additional clerical assistants, authorize, report, 12417  
 Veterans hospitals, medical information exchange program, extend authority, report, 12229  
 Veterinary instruments and apparatus, X-ray equipment and supplies, Federal item identification guide, 12535  
 Veterinary medicine:  
   biologics, care and use, veterinarian's check list, 11893  
   veterinary biologics help fight animal diseases, 11892  
 Veto, President's pocket veto power, implement art. 1, sec. 7 of Constitution, hearing, 12310

- Vibration:  
effects on muscle tension and tracking task performance of simulated sonic booms with low and high intensity vibrational components, 12964  
vibrational excitation mechanisms of CO<sub>2</sub> at high temperatures, study, 12977
- Vietnam:  
conflict ending U.S. involvement in war, current foreign policy, 13267  
long missing Government-owned materials still unaccounted for, GAO review, 12729  
servicemen in combat zones, duty-free entry of gifts, report, 12184  
South, gazetteer, official standard names, 12742  
United States-Vietnam relationships, 1945-65—  
report, direct Secretary of State to furnish to House, adverse report, 12248  
study, requesting the President to furnish text, adverse report, 12239  
Vietnamization, Navy style, to help an ally stand on his own, 13165A  
war related civilian problems, hearing, 12464  
Viezicke, P. P., NBS frequency and time broadcast services, radio stations WWV, WWVH, WWVB, and WWVL, 13059  
Virgin Islands, nonvoting delegate to House of Representatives, provide, report, 12202  
Virginia:  
after Camille, conservation recovery follows disaster, 13243  
climate, 12607  
pollution of Potomac River interstate waters, Washington, D.C. metropolitan area, conference proceedings, progress meeting, 13348  
Vital statistics, data from National health survey, 13073  
Vocational education, act of 1963, amend, hearings, 12466  
Vocational rehabilitation, *see* Rehabilitation of the disabled.  
Vogel, Charles E., radiation measurements and low frequency and high pressure investigations of induction heated plasma, 12968  
Voice communication, voice orderwire multiplex, long haul communications standards, equipment technical standards, military standard, 12538  
Volcker, Paul A.:  
addresses, etc.—  
June 10, 1971, 13317  
June 24, 1971, 13323  
VORTAC, *see* Air navigation.  
Vortex flow:  
free vortex recovery of floating oil, concept feasibility study, final report, 12078  
use in separating oil from oil-water mixture, investigation, final report, 12077  
Vortex motion, recovery of oil spills using vortex assisted airlift system, 13360  
Vote for Puerto Rico, Presidential, Ad Hoc Advisory Group on, *see* Presidential Vote for Puerto Rico, Ad Hoc Advisory Group on.  
Voting:  
Ad Hoc Advisory Group on Presidential Vote for Puerto Rico, hearings, 13191  
lowering age to 18, amend U.S. Constitution, joint resolution of Congress, 12107  
V/STOL (vertical or short takeoff and landing), *see* Aircraft.  
VTE, *see* Vertical Tube Evaporator Pilot Plant.
- W
- Wachapreague, Va., coastal flooding, flood plain information, 12563
- Wade, George S.,  
higher education  
inary survey, 12574
- Wages:  
and price determination, Government role (remarks), 12091  
area surveys—  
Birmingham, Ala., 12904  
Buffalo, N.Y., 12898  
Burlington, Vt., 12901  
Pittsburgh, Pa., 12899  
Richmond, Va., 12903  
San Bernardino - Riverside - Ontario, Calif., 12897  
Sioux Falls, S.Dak., 12896  
South Bend, Ind., 12902  
Waterbury, Conn., 12900  
earnings statistics 1900-70, United States, 12895  
industry surveys—  
banking, 12906  
sawmilling and logging, West Coast, 12907  
structural clay products, 12905  
influence of seeded industry characteristics on negotiated settlements, 12804  
minimum, Puerto Rico, 13338  
prevailing rate pay systems for Government employees, report, 12258  
social security benefits and earnings of minority groups in covered employment, 13238  
union—  
building trades, 12910  
local truckdrivers and helpers, 12900  
printing industry, 12908  
wage differences among manufacturing establishments, 12912  
*see also* Salaries.  
Wagner-O'Day act, *see* Handicapped.  
Wahpeton Indians, Sioux Tribe, judgment funds, distribution, report, 12372  
Wakelin, James H., Jr., remarks, June 17, 1971, 12098  
Wakes, bluff afterbody in wake of 120° cone for various separation distances at Mach 3.0, flow patterns and pressure distributions, 13011  
Walker, Charles E.:  
remarks, etc.—  
June 28, 1971, 13318  
July 9, 1971, 13320  
Walkup, P. C., recovery of oil spills using vortex assisted airlift system, 13360  
Walls, slotted test-section walls to reduce wall interference for high-lift model testing, experimental investigation, 13012  
Walter, Joseph R., relief, 12350  
Wanek, Alexander A., geologic reconnaissance of proposed power site at Lake Grace, Revillagigedo Island, southeastern Alaska, 12745  
War, Vietnam conflict, ending U.S. involvement, current foreign policy, 13267  
War and emergency powers:  
Congress, the President, and war powers, current foreign policy, 13269  
presidential and congressional legislation, hearings, 12295  
Warehousemen, 10 rules for food warehousemen (poster), Spanish edition, 12650  
Warehouses, District of Columbia, lien on stored household goods, amend uniform commercial code, report, 12240  
Warning systems, collision warning techniques, collision geometry formulae and application, 11929  
Warranties and guarantees, written consumer product warranties against defect or malfunction, minimum disclosure standards, hearings, 12448  
Washburn, C. Langhorne:  
remarks—  
June 16, 1971, 13330  
July 6, 1971, 13331

# INDEX

- Washington, D.C., see District of Columbia.  
 Washington County, Wis., soil survey, 13250  
 Washington Metropolitan Area Transit Authority, appropriations, 1972, report, 12259  
 Washington National Records Center, general information, 13050  
 Washington State:  
   agricultural statistics, 1970, annual crop report, 13286  
   county business patterns, 12019  
   water resources data, 12758  
 Waste disposal, see Radioactive waste disposal—Sewage—Waste products.  
 Waste products:  
   accounting system for transfer station operations, 13252  
   advanced waste treatment and water reuse symposium, 12609  
   California solid waste management study and plan, 13253  
   citrus processing wastes, treatment, 13359  
   Dade County industrial waste sources, inventory and evaluation, report, 13350  
   debris-control structures at highway drainage structures, 12634  
   incineration of radioactive solid wastes, report, 11950  
   industrial waste pollution in South Platte River basin—  
     meat industry waste study, 13352  
     outfall study, location and sampling results, 13351  
     light-catalyzed chlorine oxidation for treatment of wastewater, 13364  
     National Capital region water and waste management, report, 12610  
     ocean dumping of waste material, regulate, hearings, 12313  
     proprietary 10-20 man waste treatment system designed for shipboard use, shore evaluation, final report, 12051  
     sanitary landfill design, construction, and evaluation, 13254  
     Solid waste disposal act, 13255  
     waste water treatment, primer, 13347  
     wastewater, municipal treatment by reverse osmosis, new and ultrathin membranes, 13365  
   see also Radioactive substances.  
 Water:  
   advanced waste treatment and water reuse symposium, 12609  
   atmospheric water resources program, Project Skywater, design and evaluation of weather modification experiments, 13221  
   backwater and sedimentation study above Red Bluff Dam, 13216  
   clean, cost of clean water, Environmental Protection Agency annual report, print as Senate document, report, 12375  
   conservation practices, engineering field manual, notice, 13244  
   fresh, desalting plants inventory report, 12795  
   ground water, hydrology of San Pitch River drainage basin, Sanpete County, Utah, 12760  
   ground-water reconnaissance study, selected sites in Rocky Mountain National Park and Shadow Mountain National Recreation Area, 12751  
   limestone treatment of rinse waters from hydrochloric acid pickling of steel, 13357  
   man and nature, announcement of coming symposium, 13226  
   National Capital region water and waste management, report, 12610  
   physics for detecting total alkalinity titration, 13340  
   public works appropriations, 1972, hearings, 12271  
   quality, central Missouri River—  
     main stem reservoir effects, 13201  
     1954, report, 13196  
     1955, review draft, 13197  
 Water—Continued  
   resources—  
     development by Army Corps of Engineers—  
       District of Columbia, 12597  
       Maryland, 12598  
       Pennsylvania, 12596  
     Iowa, 12757  
     lower Colorado River, Salton Sea area (series), 12754  
     planning act, amend, increase appropriations—  
       law, 12117  
       report, 12368  
       technical publication, 13224  
     Washington State, 12758  
     saline conversion, 1970-71 report, 12797  
     saline, conversion program, appropriations, 1972 reports, 12319, 12256  
     saline water research and development progress reports, 12795-813  
     shallow, transmission loss and fluctuations of 3-kHz sound, experiment, 13182  
     supply and quality, economics, 13362  
     supply, prospects of developing stock supplies from wells in northeastern Garfield County, Mont., 12764  
   surface water—  
     salinity in lower Colorado River, Salton Sea area, 12754  
     supply 1961-65, United States, 12761-763  
   Water Resources Council, appropriations, increase, authorize, hearing, 12299  
   Water resources planning act, amend—  
     hearing, 12299  
     report, 12163  
   water supply papers, 12759-765  
   Water heaters, maintenance, local housing authority management guide, 12780  
   Water pollution:  
     aquatic plant chemistry and its application to water pollution control, 13361  
     bacteriological, from municipal and industrial waste discharges on Red River of the North, report, 13349  
     Bishop system for open ocean oil spills, engineering feasibility study, final report, 12079  
     Dade County industrial waste sources, inventory and evaluation, report, 13350  
     Federal water pollution control act, extend, report, 12427  
     free vortex recovery of floating oil, concept feasibility study, final report, 12078  
     interstate waters, Potomac River and its tributaries, Washington, D.C. metropolitan area, conference proceedings, progress meeting, 13348  
     Lake Michigan and its tributary basin, conference proceedings, 13344  
     light catalyzed chlorine oxidation for treatment of wastewater, 13364  
     Mississippi River, upper portion drainage basin, cooperative State-Federal report, 13210  
     Missouri drainage basin comprehensive program for control, cooperative State-Federal report, 13206  
     Missouri River, lower basin, cooperative State-Federal report, 13208  
     National Capital region water and waste management, report, 12610  
     navigable waters of Dade County, Fla., and tributaries, embayments and coastal waters, conference proceedings, 13341  
     North Platte River survey, Torrington, Wyo., to Bridgeport, Nebr., reports, 13203-204  
     oil retention boom hydrodynamics, studies, final report, 12076

Water pollution—Continued

- oil spills—
  - affecting Minnesota and Mississippi River, report, 13205
  - in Arctic, study of behavior, 12080
  - recovery using vortex assisted airlift system, 13360
  - spreading and movement, 13353
- South Platte River basin—
  - conference proceedings, 13342-343
  - investigation, exhibits and appendices, 13206
  - investigation report, 13207
- spill prevention techniques for hazardous polluting substances, 13346
- storm standby tanks, Columbus, Ohio, evaluation, 13354
- use of vortex flow to separate oil from oil-water mixture, investigation, final report, 12077
- waste water treatment, primer, 13347
- water pollution control research series, 13353-367
- water pollution series, 13208-210
- water supply and quality, economics, 13362
- Water power:
  - geology of sites in Alaska (series), 12745
  - proposed power site at Lake Grace, Revillagigedo Island, southeastern Alaska, geologic reconnaissance, 12745
- Water purification:
  - waste water treatment study of powdered carbons and methods for their application, 13363
  - wastewater, municipal, treatment by reverse osmosis, new and ultrathin membranes for, 13365
- Water Resources Council, appropriations, increase, authorize, report, 12163
- Water supply, *see* Water.
- Water treatment devices, Bishop system for open ocean oil spills, engineering feasibility study, final report, 12079
- Waterborne commerce, *see* Commerce.
- Waterbury, Conn., area wage survey, 12900
- Watersheds:
  - projects, Engineers Corps and Soil Conservation Service, hearings, 12476
  - work plans, 12473
  - see also* names of rivers, etc.
- Waterways, *see* Inland waterways.
- Waterways Experiment Station, miscellaneous papers, 12601-603
- Waters, Melvin E., blueing of processed crab meat, identification of some factors involved in blue discoloration of canned crab meat (*Callinectes sapidus*), 13116
- Waters, R. F., recovery of phosphates and metals from waste phosphate sludge by reduction-sinter processes, 12950
- Watts, John W., Jr., electron and Bremsstrahlung penetration and dose calculation, 13032
- Wave guides, *see* Waveguides.
- Wave Propagation Laboratory, NOAA technical report, ERL-WPL series, 13123
- Waveguides, broadband noncontacting sliding short, 13072
- Waves, internal gravity wave effects on total electron content of ionosphere during solar eclipse of Mar. 7, 1970, 11927
- see also* Radio waves.
- Ways and Means Committee, House, reports, 12175-176, 12180-184
- We come with the dust and we go with the wind, 12569
- Weapons, nuclear program, AEC authorizing legislation, 1972, hearings, 12132
- Wear, *see* Friction.
- Weather, service O, international schedules, change, 11921
- Weather Bureau, ESSA technical memorandum, WBTM NMC series, 13122

Weather control:

- Colorado River Basin pilot project, cloud seeding research in San Juan Mountains, 13217
- one-dimensional quasi-time-dependent numerical model of cumulus cloud activity, 11930
- Project Skywater, conference proceedings, design and evaluation of weather modification experiments, 13221
- Weather modification, *see* Weather control.
- Webb, N. B., influence of mechanical processing on quality and yield of bay scallop meats, 13114
- Webber, Richard W., Federal and State standards for composition of milk products, 13369
- Weekend recreational travel patterns, 12632
- Weeks, *see* names of special weeks.
- Weevils, pales weevil, description, control, etc., 12695
- Weidenbaum, Murray L., remarks, June 9, 1971, 13316
- Weights and measures, *see* Metric system.
- Welher, Claudine J., internal revenue assessment lists for Indiana, 1862-66, pamphlet to accompany microcopy, 13053
- Welch, Arthur J., analysis and design study of pilot assist system for helicopters, 11952
- Weld, Betsy A., reports and maps of Geological Survey released only in 1970 open files, 12749
- Weld County, Colo., Boxelder Creek watershed work plan, 13251
- Welder, Frank A., ground-water reconnaissance study of selected sites in Rocky Mountain National Park and Shadow Mountain National Recreation Area, 12751
- Welding:
  - pressure-vessel steel and weldments, major factors affecting neutron irradiation embrittlement, 13174
  - progress, USSR study, 12864
- Rebar Welding Specifications Task Group, report, 13223
- Welfare, *see* Public Welfare.
- Wells, John D., geochemical reconnaissance of Cortez-Buckhorn area, southern Cortez Mountains, Nev., 12748
- Wells, prospects of developing stock water supplies from wells in northeastern Garfield County, Mont., 12764
- Wenatchee National Forest, Glacier Peak Wilderness, recreation, weather and seasons, etc., 12698
- Wenger, W. J., Utah crude oils, characteristics of 67 samples, 12949
- Wesson, William T., taxes paid by firms marketing farm food products, 12557
- West (U.S.):
  - future of power in West region, 1970-90, report, 12647
- West Fargo Pioneer, relief, 12337
- West Virginia, county business patterns, 12020
- Western Europe, *see* Europe.
- Western tent caterpillar, 12697
- Wetlands, *see* Swamplands.
- Whales, killing, international 10-year moratorium, report, 12431
- Wheat:
  - international agreement, 1971—
    - hearings, 12456
    - report, 12336
- Wheels, aircraft and vehicular steering, axle, wheel, and tract components, Federal item identification guide, 12498
- White House Conference on Aging:
  - conduct of preparations, inquiry, hearings, 12441
  - background and issues—
    - education, 13368
    - Government and non-Government organization, 13369
    - retirement, 13370
    - retirement, roles and activities, 13371



# INDEX

White oak, *see* Oak.  
 Whitehead, Donald W., nomination, hearing, 12474  
 Who will wear the badge? 12054  
 Wilcomb, Maxwell J., sanitary landfill design, construction and evaluation, 12354  
 Wild horses, *see* Horses.  
 Wild life, *see* Wildlife.  
 Wilderness areas, Minam River Canyon, Oreg., designate certain lands, report, 12367  
 Wildhorse Creek:  
   Pendleton, Oreg. and vicinity—  
     flood plain information, 12588  
     floods, 12589  
 Wildlife:  
   conservation, 8-cent commemorative postage stamp (poster), 13325  
   Fish and wildlife coordination act amend, hearings, 12313  
   on BLM lands, Utah—  
     central, 12916  
     southwest, 12919  
     west central, 12920  
 Willamette National Forest, Three Sisters Wilderness, exploring, wildlife, etc., 12719  
 Williams, Owen C., analysis of stream-temperature variations in upper Delaware River basin, N.Y., 12765  
 Wilson's Creek National Battlefield, general information, 13147  
 Winches, hydrographic, Jered model EHLT-30, ocean engineering technical manual, 12674  
 Wind, *see* Winds.  
 Wind profiles, *see* Winds.  
 Wind tunnels, corrections, use of slotted test-section walls to reduce wall interference for high-lift model testing, experimental investigation, 13012  
 Winds:  
   gust velocity, effect of spanwise variation on alleviation system designed for uniform gust velocity across span, 13019  
   rough spherical balloon wind sensors, aerodynamic properties, 13029  
   wind profiles in boundary layer, remote sensing, 13123  
 Windward Islands, Bredin-Archbold-Smithsonian biological survey of Dominica, Dermaptera (earwigs), 13232  
 Wine, American, remove restrictions in law which prevents industry from participating in export promotion activities, law, 12128  
 Wire communications, long haul communications standards, equipment technical design standards for voice otherwise multiplex, military standard, 12538  
 Wisconsin, county business patterns, 12021  
 Wisconsin stage, *see* Glacial period.  
 Witte, William G., analysis of thermal response of high-density phenolic-nylon on spacecraft launched by Pacemaker vehicle system, 13013  
 WMATA, *see* Washington Metropolitan Area Transit Authority.  
 Woman suffrage, Citizens' Advisory Council releases task force recommendations, 12794  
 Women:  
   changing patterns of women's lives, 13373  
   years for decision, young women, educational and labor market experience, longitudinal study, 12890  
 Women's Bureau, bulletin, 13372  
 Wong, Norman D., experimental investigation of large-scale, 2 dimensional, mixed-compression inlet system, performance characteristics at supersonic conditions, 13033  
 Wood, Charles A., register of McLane Tilton papers, 12925  
 Wood, S. O., Jr., mineral industry of Louisiana, 12941

Wood:  
   and bark chip density, density gradient technique for obtaining, 12705  
   common wood and metal repair, technical manual, 11943  
   materials used in farm structures, changing market, 12713  
   *see also* Hardwoods—Lumber.  
 Wool, statistics and related data, 1930-69, supplement, 11699  
 Wooten, D. C., study of structure of jet turbulence producing jet noise, 12975  
 Work:  
   Detroit, poverty, broad outline, jobseeking methods, training experience and geographic mobility, 12915  
   statement of work preparation guide, acquisition management, 11910  
   *see also* Occupations.  
 Work permits, *see* Child labor.  
 Workers, *see* Labor.  
 Workshops:  
   irrigation operators', 1970, lecture notes, 13218  
   urban open space, 12787  
 World Data Centers, A, Upper Atmosphere Geophysics, report, UAG series, 12608  
 World Health Organization reports quarantine diseases, USSR, 12855  
 World trade, *see* Commerce.  
 World War 1939-45, Trust Territory of Pacific Islands damages, payment of claims, report, 12188  
 Wrecking, old Post Office Building, Pennsylvania Ave., Washington, D.C., and other landmark buildings, proposed demolition, review, hearing, 12475  
 Wyoming:  
   census of housing, 1970, general housing characteristics, 11973  
   land conveyance to Ferne M. McNeil, report, 12420  
   washability examinations of coals, 12945

## X

X-ray apparatus:  
   evaluation of appliance X-ray pollution problem, 13080  
 X-ray equipment and supplies, medical, dental and veterinary, Federal item identification guides, 12535  
 Westinghouse capacitor discharge mobile X-ray machine, evaluation, 13212  
 Xenon, scintillating xenon are flash tube, some properties of its flashes, 12075

## Y

Yang, Chung-chun, on meromorphic functions with 3 almost linear values, 13176  
 Yarn, spun silk, suspension of duty continue, report, 12180  
 Yeagley, J. Walter, nomination, hearing, 12449  
 Years for decision, longitudinal study of educational and labor market experience of young women, 12890  
 Yi, In Kyong, relief, 12154  
 Your medicare handbook, 13241  
 Your Shawnee National Forest environment, 12721  
 Youth:  
   juvenile justice, diversion, instead of court, 13098  
   young farm workers and Fair labor standards act, 13338  
 Youth Appreciation Week, designate, report, 12382  
 Yosemite National Park, general information, 13146



**AUGUST 1971**

Yugoslavia, economic trends and their im-  
plications for United States, 12827

**Z**

Zausner, Eric R., accounting system for  
transfer station operations, 13252  
Zeckhauser, Sally, house full of children,  
Ute Indian Tribe day care center, Fort  
Duchesne, Utah, 12566  
Zeleznik, Frank J., molecular dynamics of  
polar gas rotational relaxation, 13022

**Zinc:**

deformation of single-crystal surface dur-  
ing sliding, effect of surface films, 13024  
disposal from national and supplemental  
stockpiles, report, 12400  
Zinn, Mortimer H., guidelines for solid-state  
flat-panel displays, display effectiveness  
factors, 11928  
Zoology, Smithsonian contributions to zool-  
ogy, 13232-234  
Zorunski, William E., nonlinear acoustic  
theory for porous materials, 13000

**Do not order from index; see indicated entry**

**Page 169**



To Superintendent of Documents,  
Government Printing Office,  
Washington, D.C. 20402

For Use of Supt. of Docs.

Enclosed .....

To be mailed

### Subscriptions .....

Refund.....

Coupon refund .....

Postage \_\_\_\_\_

For additional space use other side. Total, \$ \_\_\_\_\_  
For PROMPT, ACCURATE SHIPMENT please fill in the following label—Please PRINT or typewrite.

U.S. GOVERNMENT PRINTING OFFICE

City, State, and ZIP Code \_\_\_\_\_

[illegible]

Total \$

THE UNITED STATES DEPARTMENT OF JUSTICE  
FEDERAL BUREAU OF INVESTIGATION  
WASHINGTON, D. C. 20535

## APPENDIX 1

Yo

Str

CIV

Cn1

**Mo  
Die**

For  
For

U.S.  
PUB.

To Superintendent of Documents,  
Government Printing Office,  
Washington, D.C. 20402

Date \_\_\_\_\_, 19\_\_\_\_

For Use of Supt. of Docs.

**Your name** \_\_\_\_\_

Enclosed

Street address \_\_\_\_\_

To be mailed

later -----

City, State, and ZIP Code \_\_\_\_\_

### Subscriptions

### Refund

Catalog number is shown at right-hand end of last line of entry in Monthly Catalog. Order only publications indicated by a star (\*) preceding the list price.

**Coupon refund**

### Postage

[illegible]

For additional space use other side.

Total, \$ \_\_\_\_\_

**For PROMPT, ACCURATE SHIPMENT** please fill in the following label—Please **PRINT** or typewrite.

U.S. GOVERNMENT PRINTING OFFICE  
PUBLIC DOCUMENTS DEPARTMENT  
WASHINGTON, D.C. 20402

POSTAGE AND FEES PAID  
U.S. GOVERNMENT PRINTING OFFICE

**OFFICIAL BUSINESS**

**RETURN AFTER FIVE DAYS**

**Name** .....

Street Address \_\_\_\_\_

City, State, and ZIP Code \_\_\_\_\_

Additional space for your order.

[illegible]

Do not write in space below		Total \$
-----------------------------	--	----------

Total \$	100.00
----------	--------

RETURN AFTER 30 DAYS  
OFFICIAL BUSINESS  
WASHINGTON, D.C. 20540  
PUBLIC DOCUMENTS DEPARTMENT  
U.S. GOVERNMENT PRINTING OFFICE



## GOVERNMENT PRINTING OFFICE BOOKSTORES

In addition to the mail-order service provided by the office of the Superintendent of Documents, Government Printing Office, for the sale of those publications listed in the Monthly Catalog with an asterisk (\*) and price, there are also 12 retail bookstores which constitute a part of the operations of that office. The locations of these stores are shown below:

Government Printing Office  
710 North Capitol Street  
Washington, D.C. 20402  
Telephone: Area code 202-783-3238

Department of Commerce, Lobby  
14th and Constitution Avenue NW.  
Washington, D.C. 20230  
Telephone: Area code 202-967-3527

USIA Building, 1st floor  
1776 Pennsylvania Avenue NW.  
Washington, D.C. 20547  
Telephone: Area code 202-632-9668

Department of State Building, 1st floor  
2201 C Street NW.  
Washington, D.C. 20520  
Telephone: Area code 202-632-1437  
(Public access to building controlled by security regulations.)

Pentagon Building  
Main Concourse, south end  
Washington, D.C. 20310  
Telephone: Area code 202-541-2998

Atlanta Branch  
Room 100, Federal Building  
275 Peachtree Street NE.  
Atlanta, Georgia 30303  
Telephone: Area code 404-526-6946

Boston Branch  
Room G25, John F. Kennedy Federal Building  
Sudbury Street  
Boston, Massachusetts 02203  
Telephone: Area code 617-233-6071

Chicago Branch  
Room 1463-14th floor  
Everett McKinley Dirksen Building  
219 South Dearborn Street  
Chicago, Illinois 60604  
Telephone: Area code 312-353-5133

Dallas Branch  
Room 1C46, Federal Building-U.S. Courthouse  
1100 Commerce Street  
Dallas, Texas 75202  
Telephone: Area code 214-749-1541

Kansas City Branch  
Room 135, Federal Office Building  
601 East 12th Street  
Kansas City, Missouri 64106  
Telephone: Area code 816-374-2100

Los Angeles Branch  
Room 1015, Federal Office Building  
300 North Los Angeles Street  
Los Angeles, California 90012  
Telephone: Area code 213-688-5841

San Francisco Branch  
Room 1023, Federal Office Building  
450 Golden Gate Avenue  
San Francisco, California 94102  
Telephone: Area code 415-556-6057

**UNITED STATES  
GOVERNMENT PRINTING OFFICE**

**PUBLIC DOCUMENTS DEPARTMENT  
WASHINGTON, D.C. 20402**

**OFFICIAL BUSINESS**

**POSTAGE AND FEES PAID  
U.S. GOVERNMENT PRINTING OFFICE**



NOV OCT #44053  
UNIVERSITY MICROFILMS INC  
ATTN LIBRARIAN  
300 N ZEEB RD  
ANN ARBOR MI 48106

